

**NATIONAL WEATHER SERVICE INSTRUCTION 10-302**

**MAY 14, 2015**

**Operations and Services**

**Marine And Coastal Weather Services, NWSPD 10-3**

**MARINE AND COASTAL SERVICES AREAS OF RESPONSIBILITY**

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**NOTICE:** This publication is available at: <http://www.nws.noaa.gov/directives/>.

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**SUMMARY OF REVISIONS:** This directive supersedes NWSI 10-302, dated August 28, 2014.  
This directive was updated for:

1. Changes in Eastern Region outer coastal marine zone boundaries, names, and Universal Geographic Codes (UGCs). For additional information, see Service Change Notice (SCN) 14-41, posted at: [http://www.nws.noaa.gov/om/notification/scn14-41er-marine\\_zones.htm](http://www.nws.noaa.gov/om/notification/scn14-41er-marine_zones.htm).

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Signed \_\_\_\_\_

Andrew D. Stern

Acting Director, Analyze, Forecast  
and Support Office

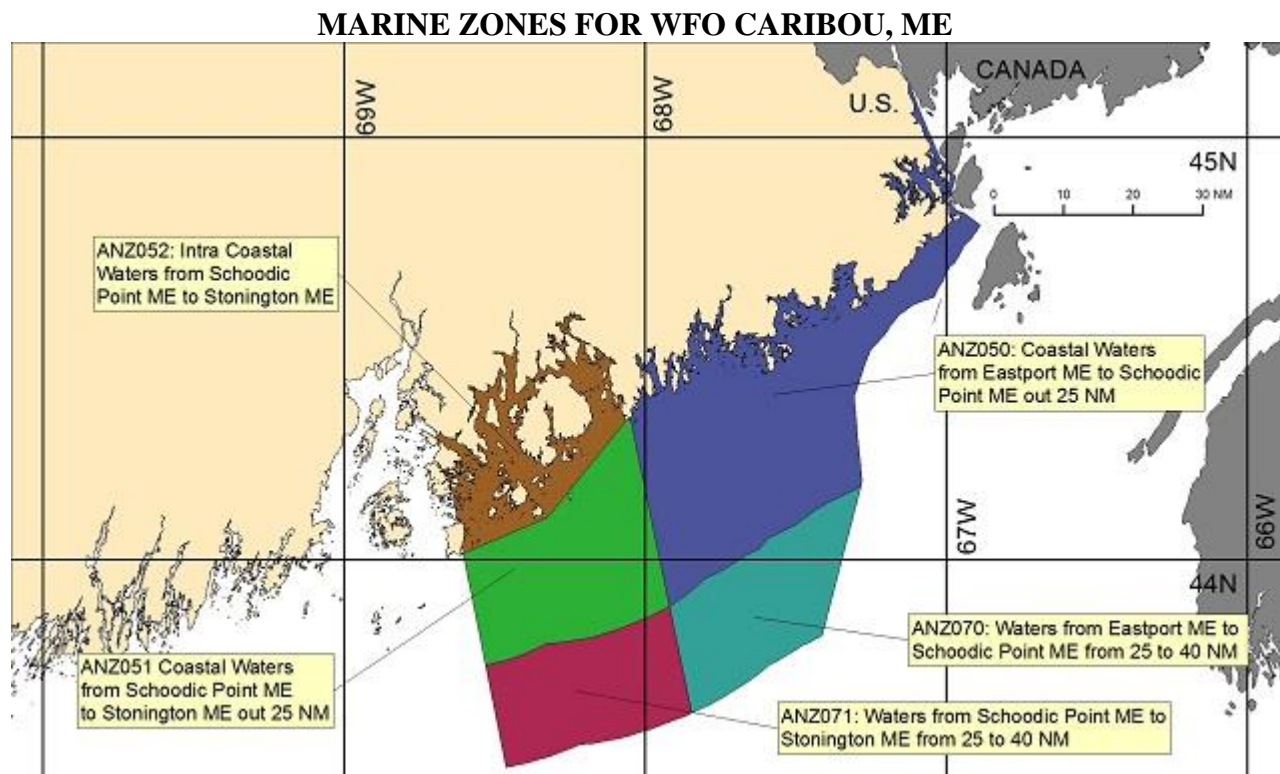
April 30, 2015 \_\_\_\_\_

Date

MARINE AND COASTAL SERVICES AREAS OF RESPONSIBILITY

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# 1 Coastal Waters Forecast Areas of Responsibility



## CARIBOU, ME (CAR)

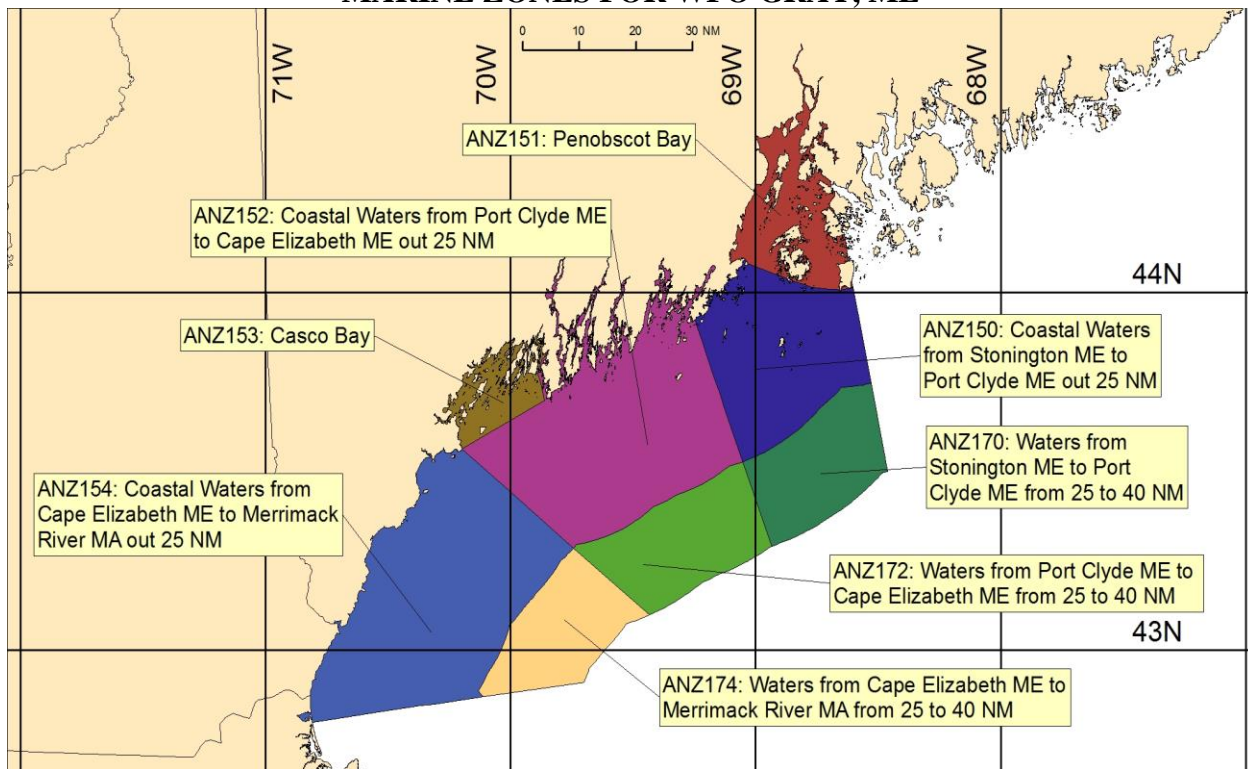
### AREA OF RESPONSIBILITY BOUNDARIES

U.S./Canada border to Stonington, ME, out 25 Nautical Miles (NM).  
(Special Marine Warnings out to 40 NM)

ANZ005	Synopsis for Eastport, ME to Stonington, ME, out 25 NM
ANZ050	Coastal Waters from Eastport, ME to Schoodic Point, ME, out 25 NM
ANZ051	Coastal Waters from Schoodic Point, ME to Stonington, ME, out 25 NM
ANZ052	Intra Coastal Waters from Schoodic Point, ME to Stonington, ME
ANZ070*	*Waters from Eastport, ME to Schoodic Point, ME, from 25 to 40 NM
ANZ071*	*Waters from Schoodic Point, ME to Stonington, ME, from 25 to 40 NM

\*For Special Marine Warning purposes only.

### MARINE ZONES FOR WFO GRAY, ME



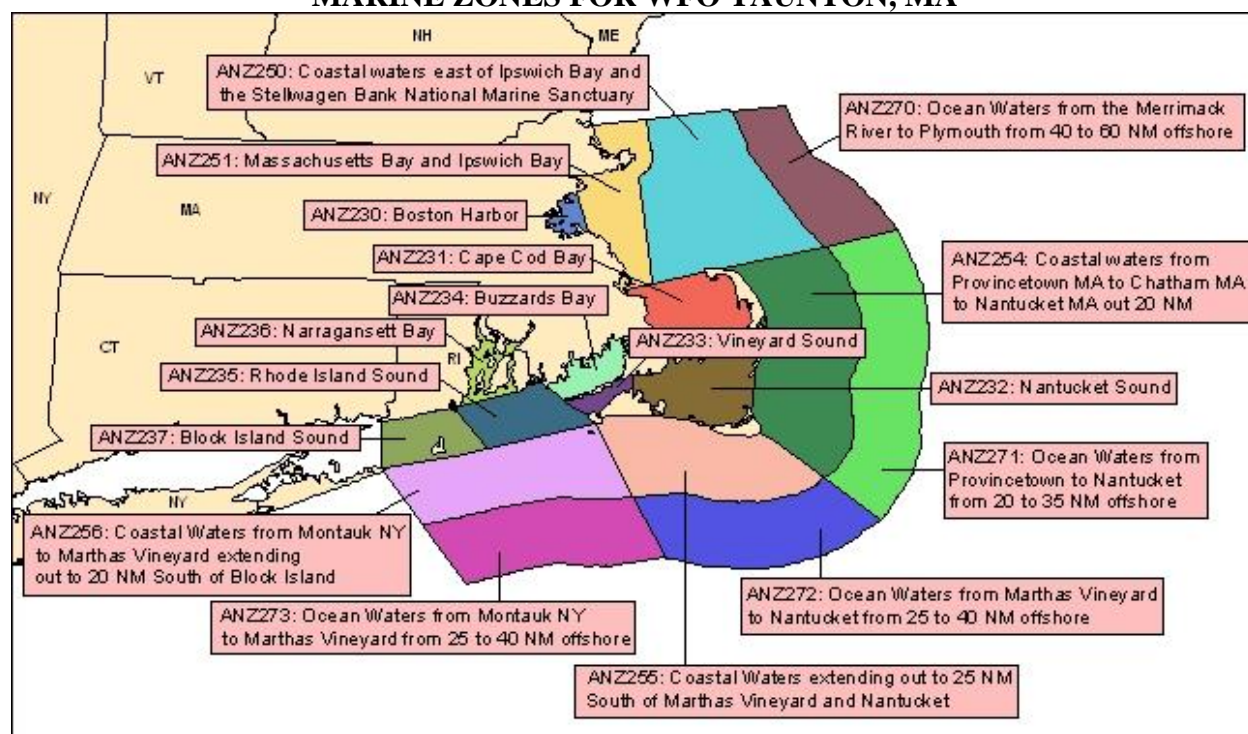
**GRAY, ME (GYX)**

#### AREA OF RESPONSIBILITY BOUNDARIES

Stonington, ME to the Merrimack River, MA, out 25 NM.  
(Special Marine Warnings out to 40 NM)

ANZ100	Synopsis for Stonington, ME to Merrimack River, MA, out 25 NM
ANZ150	Coastal Waters from Stonington, ME to Port Clyde ME, out 25 NM
ANZ151	Penobscot Bay
ANZ152	Coastal Waters from Port Clyde, ME to Cape Elizabeth, ME, out 25 NM
ANZ153	Casco Bay
ANZ154	Coastal Waters from Cape Elizabeth, ME to Merrimack River, MA, out 25 NM
ANZ170*	*Waters from Stonington, ME to Port Clyde, ME, from 25 to 40 NM
ANZ172*	*Waters from Port Clyde, ME to Cape Elizabeth, ME, from 25 to 40 NM
ANZ174*	*Waters from Cape Elizabeth, ME to Merrimack River, MA, from 25 to 40 NM

\*For Special Marine Warning purposes only.

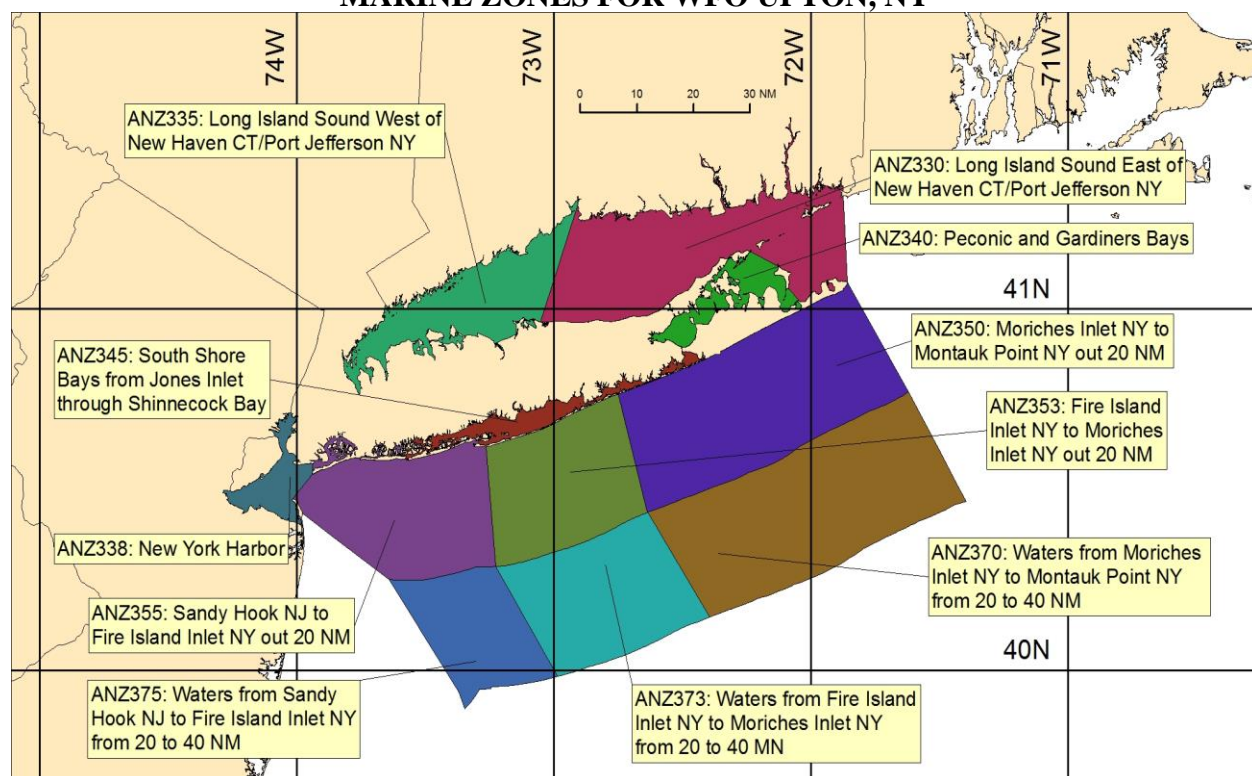
**MARINE ZONES FOR WFO TAUNTON, MA****TAUNTON, MA (BOX)****AREA OF RESPONSIBILITY BOUNDARIES**

Merrimack River, MA, to CT-RI border, out 40 NM (60 NM for Special Marine Warnings).  
Includes the Stellwagen Bank National Marine Sanctuary.

ANZ200	Synopsis for MA and RI coastal waters
ANZ230	Boston Harbor
ANZ231	Cape Cod Bay
ANZ232	Nantucket Sound
ANZ233	Vineyard Sound
ANZ234	Buzzards Bay
ANZ235	Rhode Island Sound
ANZ236	Narragansett Bay
ANZ237	Block Island Sound
ANZ250	Coastal waters east of Ipswich Bay and the Stellwagen Bank National Marine Sanctuary
ANZ251	Massachusetts Bay and Ipswich Bay
ANZ254	Coastal waters from Provincetown, MA to Chatham, MA to Nantucket, MA, out 20 NM
ANZ255	Coastal waters extending out to 25 NM south of Martha's Vineyard and Nantucket
ANZ256	Coastal waters from Montauk, NY to Martha's Vineyard, extending out to 20 NM south of Block Island
ANZ270*	*Ocean waters from Merrimack River to Plymouth, from 40 to 60 NM offshore
ANZ271*	*Ocean waters from Provincetown to Nantucket, from 20 to 35 NM offshore
ANZ272*	*Ocean waters from Martha's Vineyard to Nantucket, from 25 to 40 NM offshore
ANZ273*	*Ocean waters from Montauk, NY to Martha's Vineyard, from 25 to 40 NM offshore
*For Special Marine Warning purposes only.	



# MARINE ZONES FOR WFO UPTON, NY



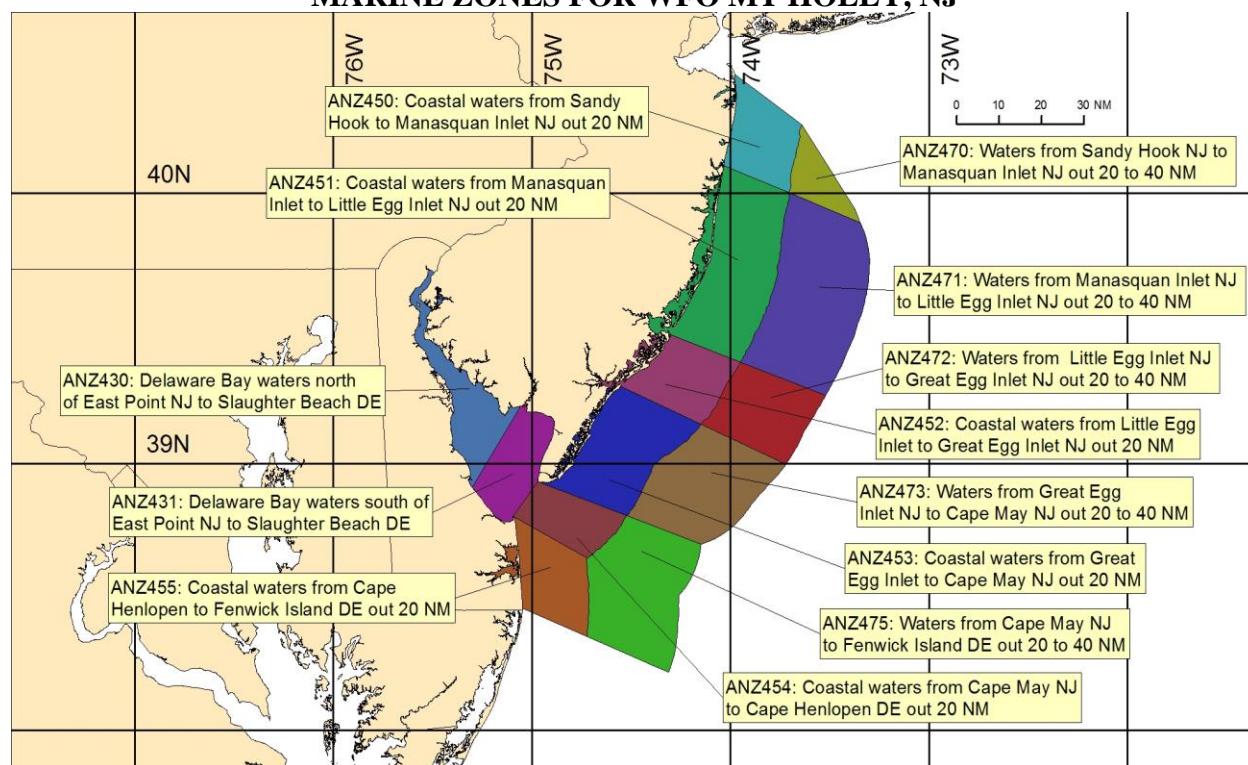
UPTON, NY (OKX)

## AREA OF RESPONSIBILITY BOUNDARIES

Montauk Point, NY to northernmost point on Sandy Hook, NJ, out 20 NM.  
(40 NM for Special Marine Warnings)

ANZ300	Synopsis for Long Island waters and New York Harbor
ANZ350	Moriches Inlet, NY to Montauk Point, NY, out 20 NM
ANZ353	Fire Island Inlet, NY to Moriches Inlet, NY, out 20 NM
ANZ355	Sandy Hook, NJ to Fire Island Inlet, NY, out 20 NM
ANZ330	Long Island Sound East of New Haven, CT/Port Jefferson, NY
ANZ335	Long Island Sound West of New Haven, CT/Port Jefferson, NY
ANZ338	New York Harbor
ANZ340	Peconic and Gardiners Bays
ANZ345	South Shore Bays from Jones Inlet through Shinnecock Bay
ANZ370*	*Waters from Moriches Inlet, NY to Montauk Point, NY, from 20 to 40 NM
ANZ373*	*Waters from Fire Island Inlet, NY to Moriches Inlet, NY, from 20 to 40 NM
ANZ375*	*Waters from Sandy Hook, NJ to Fire Island Inlet, NY, from 20 to 40 NM
*For Special Marine Warning purposes only.	

# MARINE ZONES FOR WFO MT HOLLY, NJ



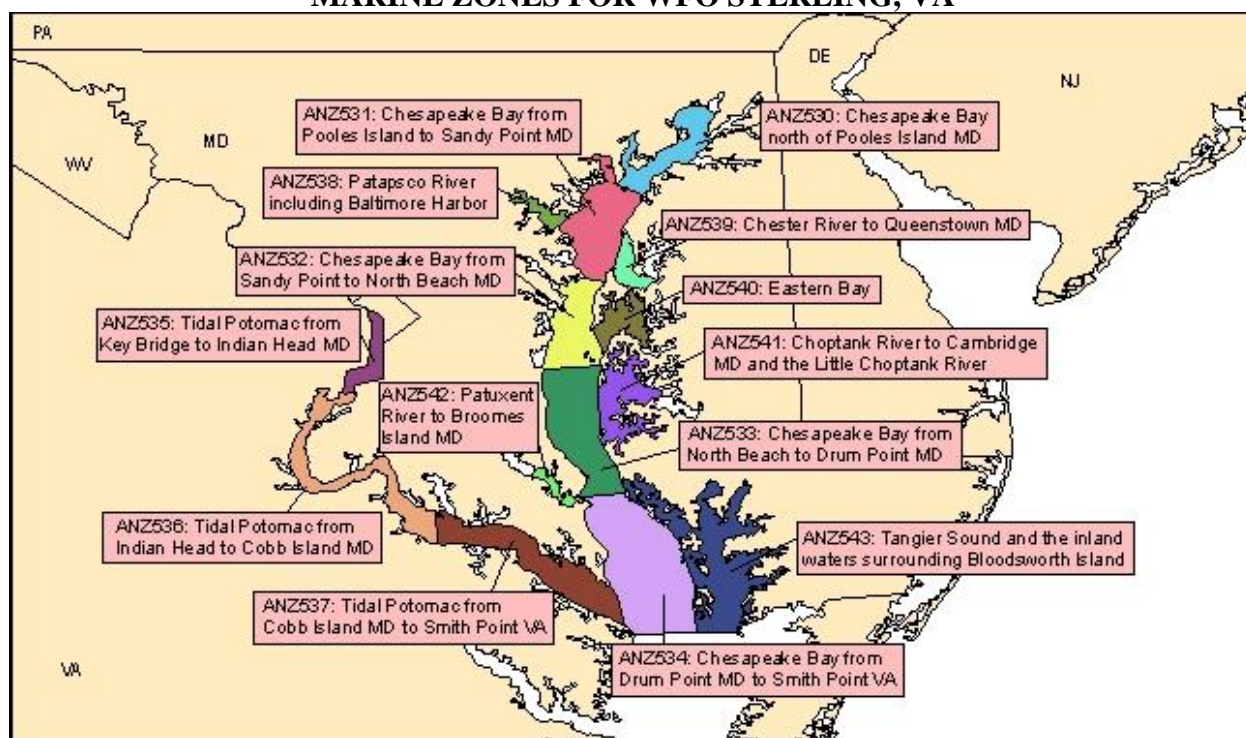
MT. HOLLY, NJ (PHI)

## AREA OF RESPONSIBILITY BOUNDARIES

Northernmost point on Sandy Hook, NJ to MD-DE border, out 20 NM.  
(40 NM for Special Marine Warnings)

ANZ400	Synopsis for the coastal waters from Sandy Hook, NJ to Fenwick Island, DE, and for Delaware Bay
ANZ450	Coastal waters from Sandy Hook to Manasquan Inlet, NJ, out 20 NM
ANZ451	Coastal waters from Manasquan Inlet to Little Egg Inlet, NJ, out 20 NM
ANZ452	Coastal waters from Little Egg Inlet to Great Egg Inlet, NJ, out 20 NM
ANZ453	Coastal waters from Great Egg Inlet to Cape May, NJ, out 20 NM
ANZ454	Coastal waters from Cape May, NJ to Cape Henlopen, DE, out 20 NM
ANZ455	Coastal waters from Cape Henlopen to Fenwick Island, DE, out 20 NM
ANZ430	Delaware Bay waters north of East Point, NJ to Slaughter Beach, DE
ANZ431	Delaware Bay waters south of East Point, NJ to Slaughter Beach, DE
ANZ470*	*Waters from Sandy Hook, NJ to Manasquan Inlet, NJ, out 20 to 40 NM
ANZ471*	*Waters from Manasquan Inlet, NJ to Little Egg Inlet, NJ, out 20 to 40 NM
ANZ472*	*Waters from Little Egg Inlet, NJ to Great Egg Inlet, NJ, out 20 to 40 NM
ANZ473*	*Waters from Great Egg Inlet, NJ to Cape May, NJ, out 20 to 40 NM
ANZ475*	*Waters from Cape May, NJ to Fenwick Island, DE, out 20 to 40 NM
*For Special Marine Warning purposes only.	

## MARINE ZONES FOR WFO STERLING, VA



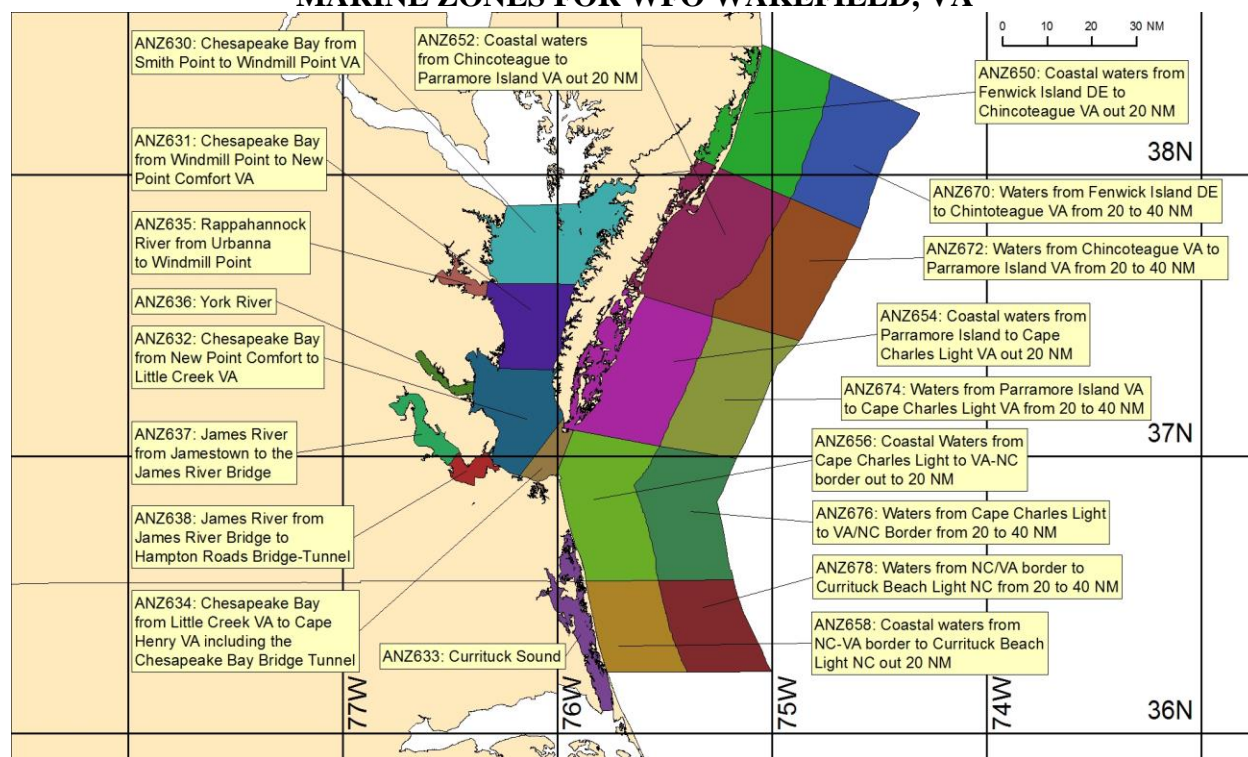
### STERLING, VA (LWX)

#### AREA OF RESPONSIBILITY BOUNDARIES

Chesapeake Bay north of VA-MD border South of Susquehanna River, including Potomac River.

ANZ500	Synopsis for the Tidal Potomac and MD portion of Chesapeake Bay
ANZ530	Chesapeake Bay north of Pooles Island, MD
ANZ531	Chesapeake Bay from Pooles Island to Sandy Point, MD
ANZ532	Chesapeake Bay from Sandy Point to North Beach, MD
ANZ533	Chesapeake Bay from North Beach to Drum Point, MD
ANZ534	Chesapeake Bay from Drum Point, MD to Smith Point, VA
ANZ535	Tidal Potomac from Key Bridge to Indian Head, MD
ANZ536	Tidal Potomac from Indian Head to Cobb Island, MD
ANZ537	Tidal Potomac from Cobb Island, MD to Smith Point, VA
ANZ538	Patapsco River including Baltimore Harbor
ANZ539	Chester River to Queenstown, MD
ANZ540	Eastern Bay
ANZ541	Choptank River to Cambridge, MD and the Little Choptank River
ANZ542	Patuxent River to Broome's Island, MD
ANZ543	Tangier Sound and the Inland Waters surrounding Bloodsworth Island

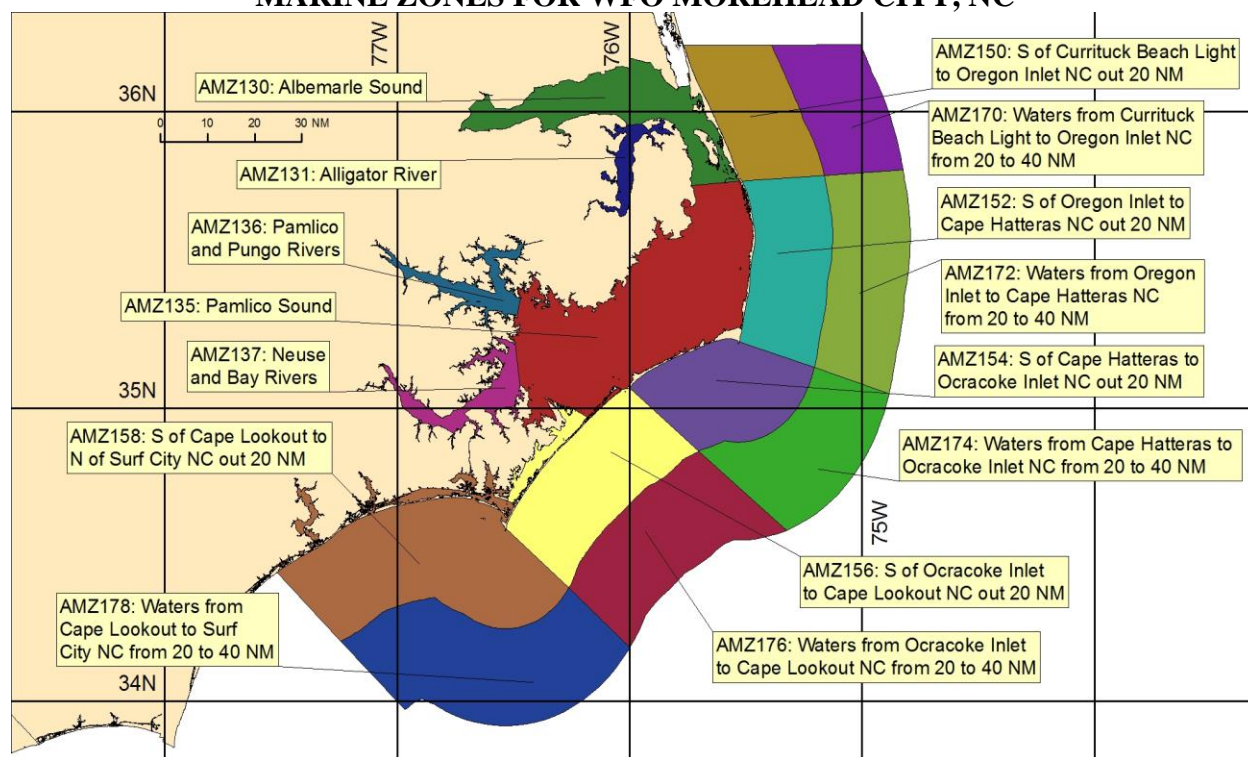


**MARINE ZONES FOR WFO WAKEFIELD, VA****WAKEFIELD, VA (AKQ)****AREA OF RESPONSIBILITY BOUNDARIES**

Chesapeake Bay south of VA-MD border to west of a line from Cape Henry to Cape Charles Light, VA.  
 MD-DE border to Dare-Currituck, NC county line, out 20 NM, including Currituck Sound.  
 (40 NM for Special Marine Warnings)

- ANZ600 Synopsis for Fenwick Island, DE to Currituck Beach Light, NC, out 20 NM, including Virginia portion of the Chesapeake Bay and Currituck Sound
- ANZ630 Chesapeake Bay from Smith Point to Windmill Point, VA
- ANZ631 Chesapeake Bay from Windmill Point to New Point Comfort, VA
- ANZ632 Chesapeake Bay from New Point Comfort to Little Creek, VA
- ANZ634 Chesapeake Bay from Little Creek, VA to Cape Henry, VA, including the Chesapeake Bay Bridge Tunnel
- ANZ635 Rappahannock River from Urbanna to Windmill Point
- ANZ636 York River
- ANZ637 James River from Jamestown to the James River Bridge
- ANZ638 James River from the James River Bridge to Hampton Roads Bridge-Tunnel
- ANZ650 Coastal waters from Fenwick Island, DE to Chincoteague, VA, out 20 NM
- ANZ652 Coastal waters from Chincoteague to Parramore Island, VA, out 20 NM
- ANZ654 Coastal waters from Parramore Island to Cape Charles Light, VA, out 20 NM
- ANZ656 Coastal waters from Cape Charles Light, VA to NC-VA border, out 20 NM
- ANZ658 Coastal waters from NC-VA border to Currituck Beach Light, NC, out 20 NM
- ANZ633 Currituck Sound
- ANZ670\* \*Waters from Fenwick Island, DE to Chincoteague, VA, from 20 to 40 NM
- ANZ672\* \*Waters from Chincoteague, VA to Parramore Island, VA, from 20 to 40 NM
- ANZ674\* \*Waters from Parramore Island, VA to Cape Charles Light, VA, from 20 to 40 NM
- ANZ676\* \*Waters from Cape Charles Light to VA-NC Border, from 20 to 40 NM

ANZ678\*      \*Waters from NC-VA border to Currituck Beach Light, NC, from 20 to 40 NM  
\*For Special Marine Warning purposes only.

**MARINE ZONES FOR WFO MOREHEAD CITY, NC****MOREHEAD CITY, NC (MHX)****AREA OF RESPONSIBILITY BOUNDARIES**

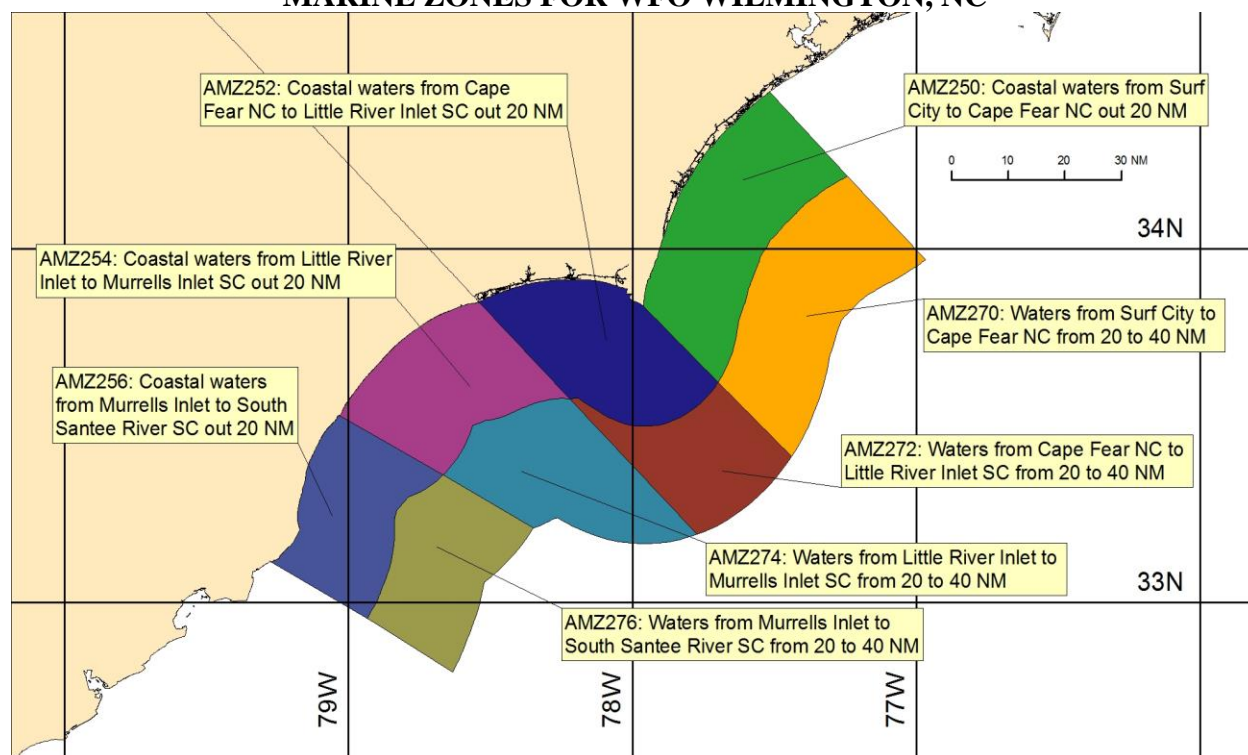
Dare-Currituck, NC county line to Pender-Onslow, NC county line, out 20 NM, including Albemarle Sound and Pamlico Sound (40 NM for Special Marine Warnings).

Includes the Monitor National Marine Sanctuary

AMZ100	Synopsis for eastern North Carolina coastal waters
AMZ150	S of Currituck Beach Light to Oregon Inlet, NC, out 20 NM
AMZ152	S of Oregon Inlet to Cape Hatteras, NC, out 20 NM
AMZ154	S of Cape Hatteras to Ocracoke Inlet, NC, out 20 NM
AMZ156	S of Ocracoke Inlet to Cape Lookout, NC, out 20 NM
AMZ158	S of Cape Lookout to N of Surf City, NC, out 20 NM
AMZ130	Albemarle Sound
AMZ131	Alligator River
AMZ135	Pamlico Sound
AMZ136	Pamlico and Pungo Rivers
AMZ137	Neuse and Bay Rivers
AMZ170*	*Waters from Currituck Beach Light to Oregon Inlet, NC, from 20 to 40 NM
AMZ172*	*Waters from Oregon Inlet to Cape Hatteras, NC, from 20 to 40 NM
AMZ174*	*Waters from Cape Hatteras to Ocracoke Inlet, NC, from 20 to 40 NM
AMZ176*	*Waters from Ocracoke Inlet to Cape Lookout, NC, from 20 to 40 NM
AMZ178*	*Waters from Cape Lookout to Surf City, NC, from 20 to 40 NM

\*For Special Marine Warning purposes only.

# MARINE ZONES FOR WFO WILMINGTON, NC



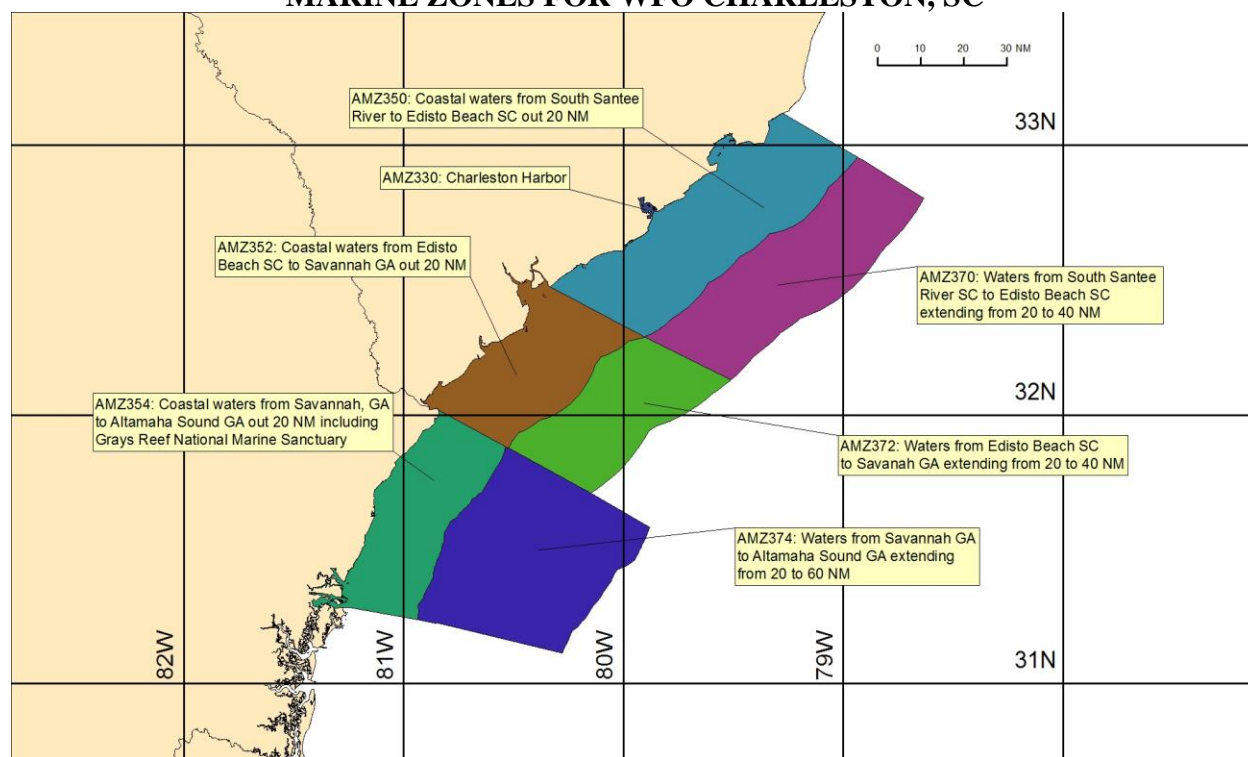
WILMINGTON, NC (ILM)

## AREA OF RESPONSIBILITY BOUNDARIES

Pender-Onslow, NC county line to Georgetown-Charleston, SC county line, out 20 NM.  
(40 NM for Special Marine Warnings)

AMZ200	Synopsis for coastal waters from Surf City, NC to South Santee River, SC, out to 20 NM
AMZ250	Coastal waters from Surf City to Cape Fear, NC, out 20 NM
AMZ252	Coastal waters from Cape Fear, NC to Little River Inlet, SC, out 20 NM
AMZ254	Coastal waters from Little River Inlet to Murrells Inlet, SC, out 20 NM
AMZ256	Coastal waters from Murrells Inlet to South Santee River, SC, out 20 NM
AMZ270*	*Waters from Surf City to Cape Fear, NC, from 20 to 40 NM
AMZ272*	*Waters from Cape Fear, NC to Little River Inlet, SC, from 20 to 40 NM
AMZ274*	*Waters from Little River Inlet to Murrells Inlet, SC, from 20 to 40 NM
AMZ276*	*Waters from Murrells Inlet to South Santee River, SC, from 20 to 40 NM
*For Special Marine Warning purposes only.	



**MARINE ZONES FOR WFO CHARLESTON, SC****CHARLESTON, SC (CHS)****AREA OF RESPONSIBILITY BOUNDARIES**

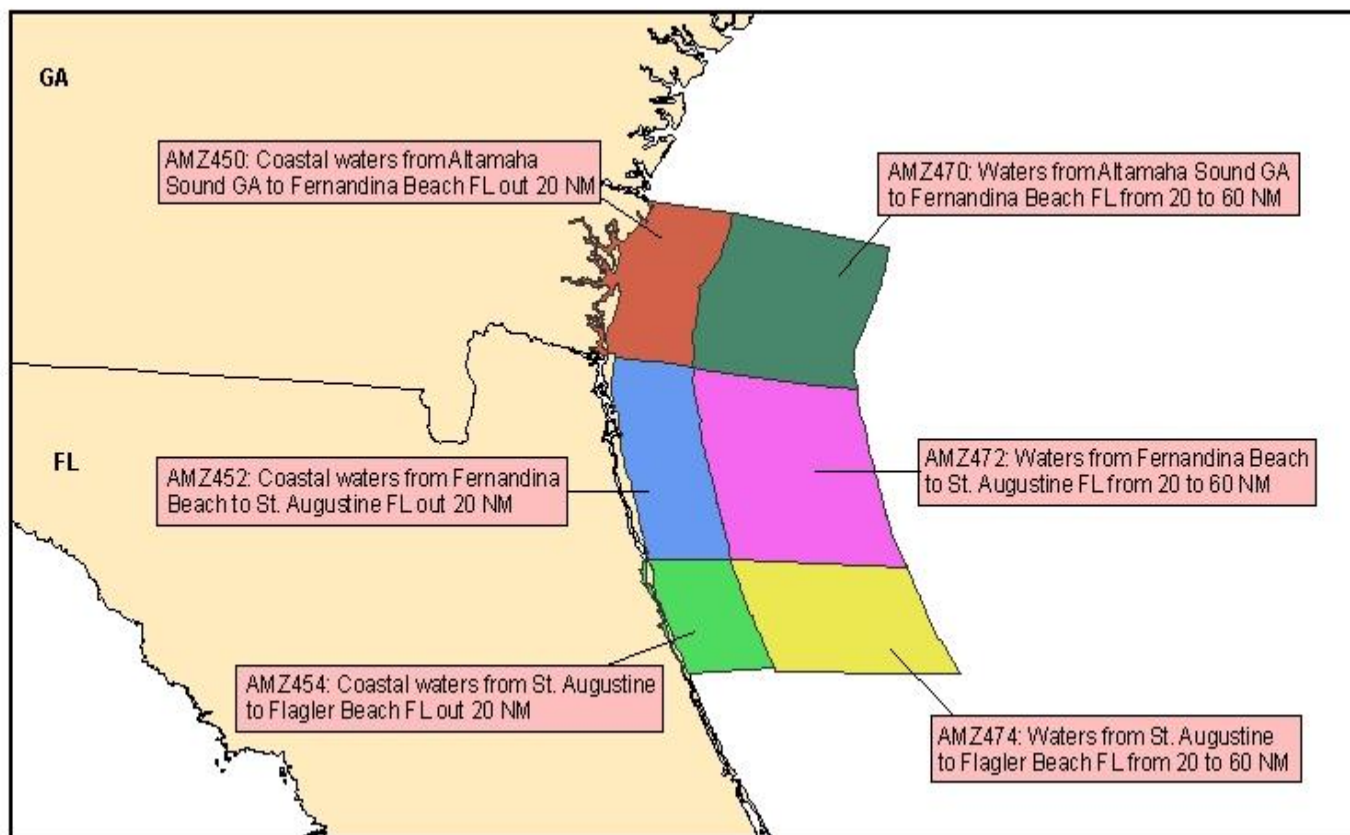
Georgetown-Charleston, SC, county line to SC-GA border, out 20 NM, including Charleston Harbor. (40 NM for Special Marine Warnings).

SC-GA border to Glynn-McIntosh, GA county line, out 60 NM. Includes the Grays Reef National Marine Sanctuary.

AMZ300	Synopsis for southern South Carolina and northern Georgia waters
AMZ350	Coastal waters from South Santee River to Edisto Beach, SC, out 20 NM
AMZ352	Coastal waters from Edisto Beach, SC to Savannah, GA, out 20 NM
AMZ330	Charleston Harbor
AMZ370*	*Waters from South Santee River, SC to Edisto Beach, SC, extending from 20 to 40 NM
AMZ372*	*Waters from Edisto Beach, SC to Savannah, GA, extending from 20 to 40 NM
AMZ354	Coastal waters from Savannah to Altamaha Sound, GA, out 20 NM...including Grays Reef National Marine Sanctuary
AMZ374	Waters from Savannah to Altamaha Sound, GA, from 20 to 60 NM

\*For Special Marine Warning purposes only.

## MARINE ZONES FOR WFO JACKSONVILLE, FL



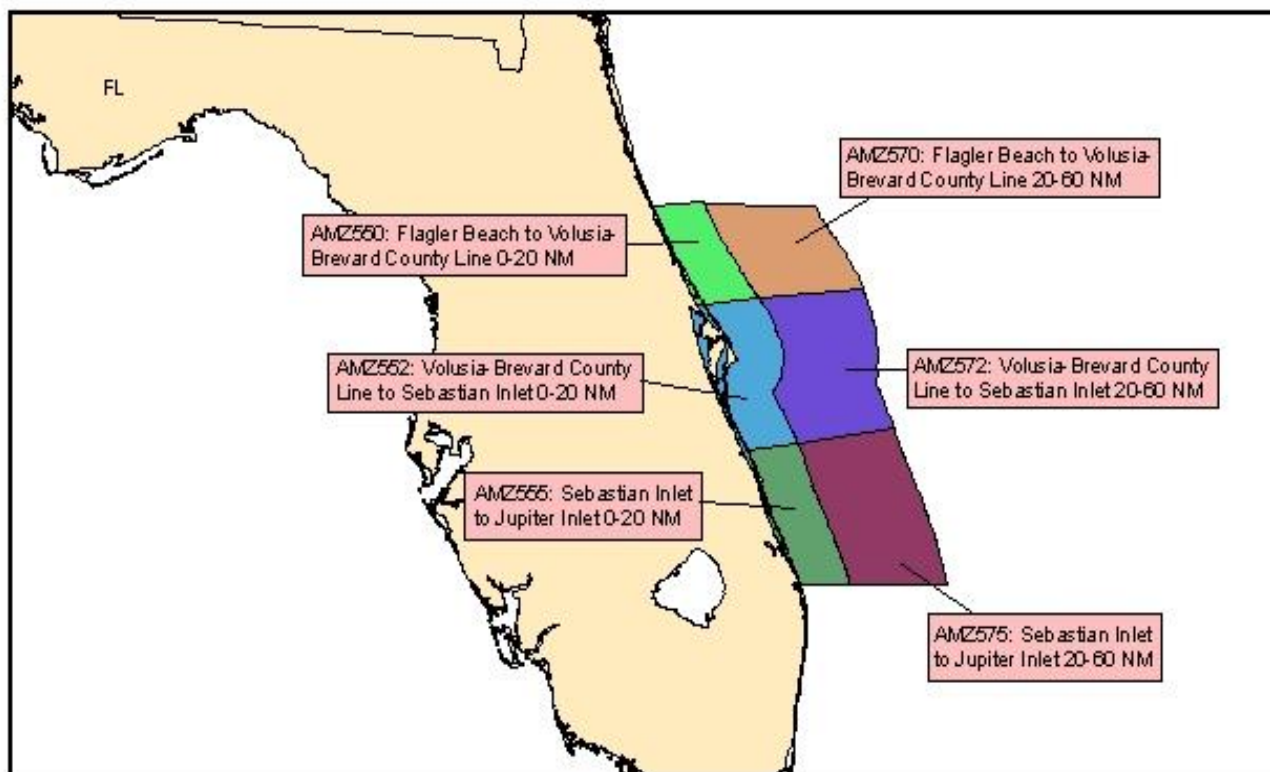
### JACKSONVILLE, FL (JAX)

#### AREA OF RESPONSIBILITY BOUNDARIES

Glynn-McIntosh, GA county line to Volusia-Flagler, FL county line, out to 60 NM.

AMZ400	Synopsis for Altamaha Sound, GA to Flagler Beach, FL, out 60 NM
AMZ450	Coastal waters from Altamaha Sound, GA to Fernandina Beach, FL, out 20 NM
AMZ470	Waters from Altamaha Sound, GA to Fernandina Beach, FL, from 20 to 60 NM
AMZ452	Coastal waters from Fernandina Beach to St. Augustine, FL, out 20 NM
AMZ472	Waters from Fernandina Beach to St. Augustine, FL, from 20 to 60 NM
AMZ454	Coastal waters from St. Augustine to Flagler Beach, FL, out 20 NM
AMZ474	Waters from St. Augustine to Flagler Beach, FL, from 20 to 60 NM

## MARINE ZONES FOR WFO MELBOURNE, FL



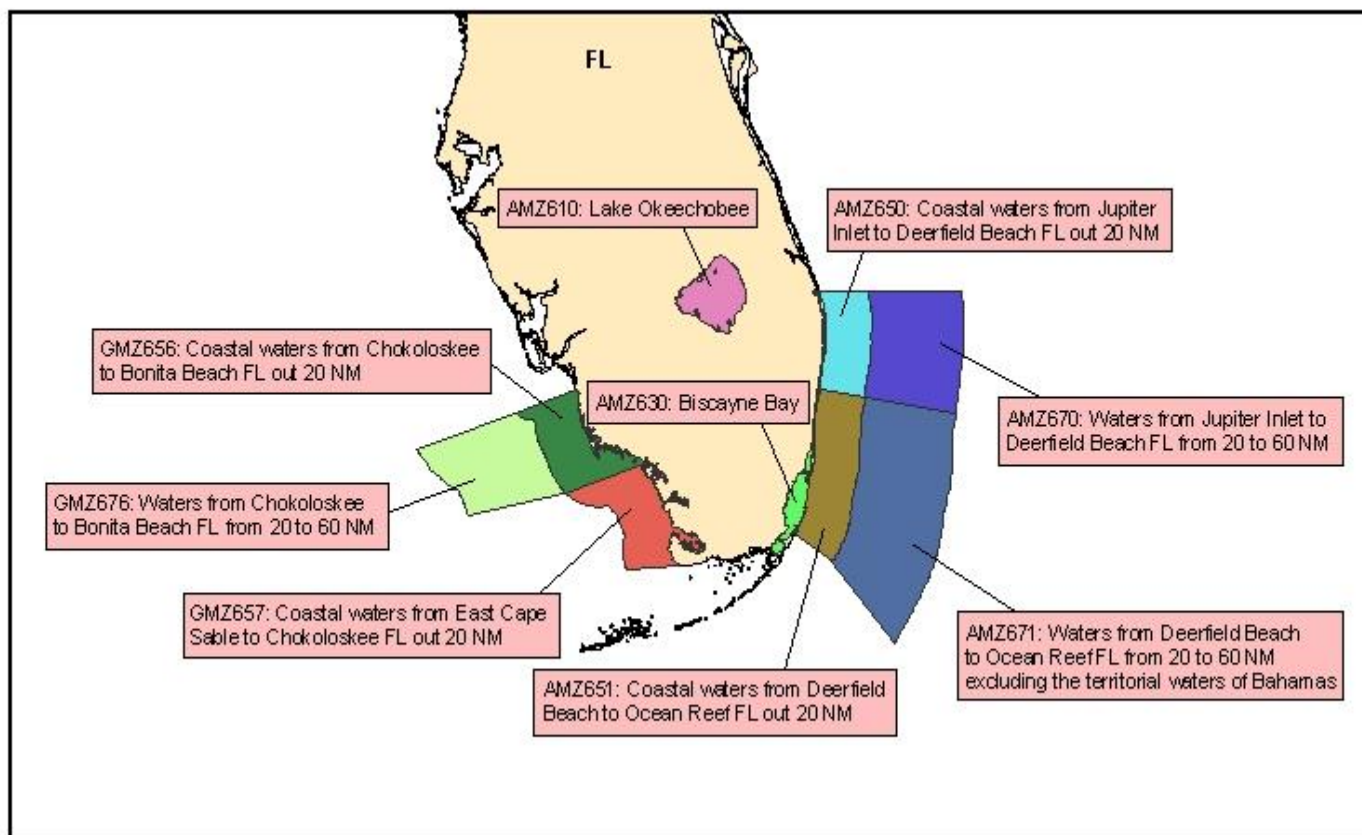
### MELBOURNE, FL (MLB)

#### AREA OF RESPONSIBILITY BOUNDARIES

Volusia-Flagler, FL county line to Martin-Palm Beach, FL county line, out 60 NM.

AMZ500	Synopsis for Flagler Beach to Jupiter Inlet, FL, out 60 NM
AMZ550	Flagler Beach to Volusia-Brevard County Line, 0-20 NM
AMZ552	Volusia-Brevard County Line to Sebastian Inlet, 0-20 NM
AMZ555	Sebastian Inlet to Jupiter Inlet, 0-20 NM
AMZ570	Flagler Beach to Volusia-Brevard County Line, 20-60 NM
AMZ572	Volusia-Brevard County Line to Sebastian Inlet, 20-60 NM
AMZ575	Sebastian Inlet to Jupiter Inlet, 20-60 NM

## MARINE ZONES FOR WFO MIAMI, FL



### MIAMI, FL (MFL)

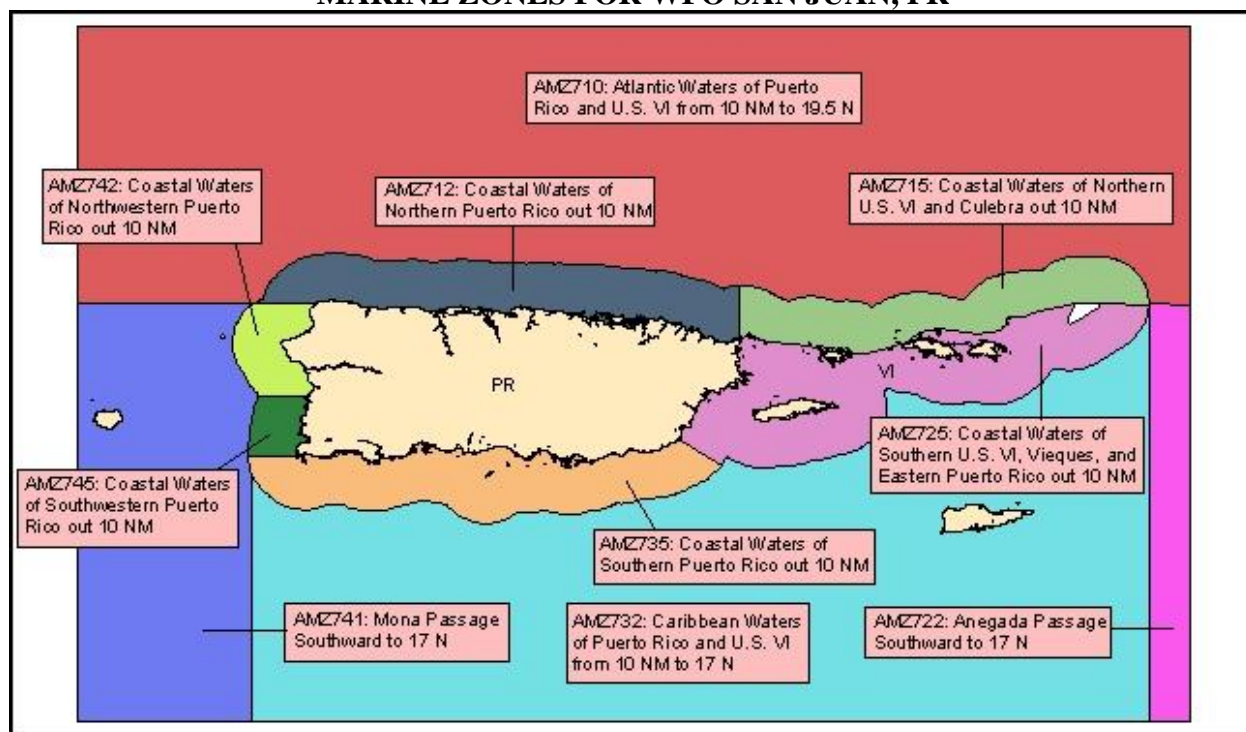
#### AREA OF RESPONSIBILITY BOUNDARIES

Martin-Palm Beach, FL county line to Lee-Collier, FL county line, excluding Florida Bay and the Keys, out 60 NM.

AMZ600	Synopsis for Jupiter Inlet to Ocean Reef, FL, including Biscayne Bay, out 60 NM
AMZ610	Lake Okeechobee
AMZ650	Coastal waters from Jupiter Inlet to Deerfield Beach, FL, out 20 NM
AMZ670	Waters from Jupiter Inlet to Deerfield Beach, FL, from 20 to 60 NM
AMZ630	Biscayne Bay
AMZ651	Coastal waters from Deerfield Beach to Ocean Reef, FL, out 20 NM
AMZ671	Waters from Deerfield Beach to Ocean Reef, FL, from 20 to 60 NM, excluding the territorial waters of the Bahamas
GMZ606	Synopsis for East Cape Sable to Bonita Beach, FL, out 60 NM
GMZ656	Coastal waters from Chokoloskee to Bonita Beach, FL, out 20 NM
GMZ657	Coastal waters from East Cape Sable to Chokoloskee, FL, out 20 NM
GMZ676	Waters from Chokoloskee to Bonita Beach, FL, from 20 to 60 NM



## MARINE ZONES FOR WFO SAN JUAN, PR



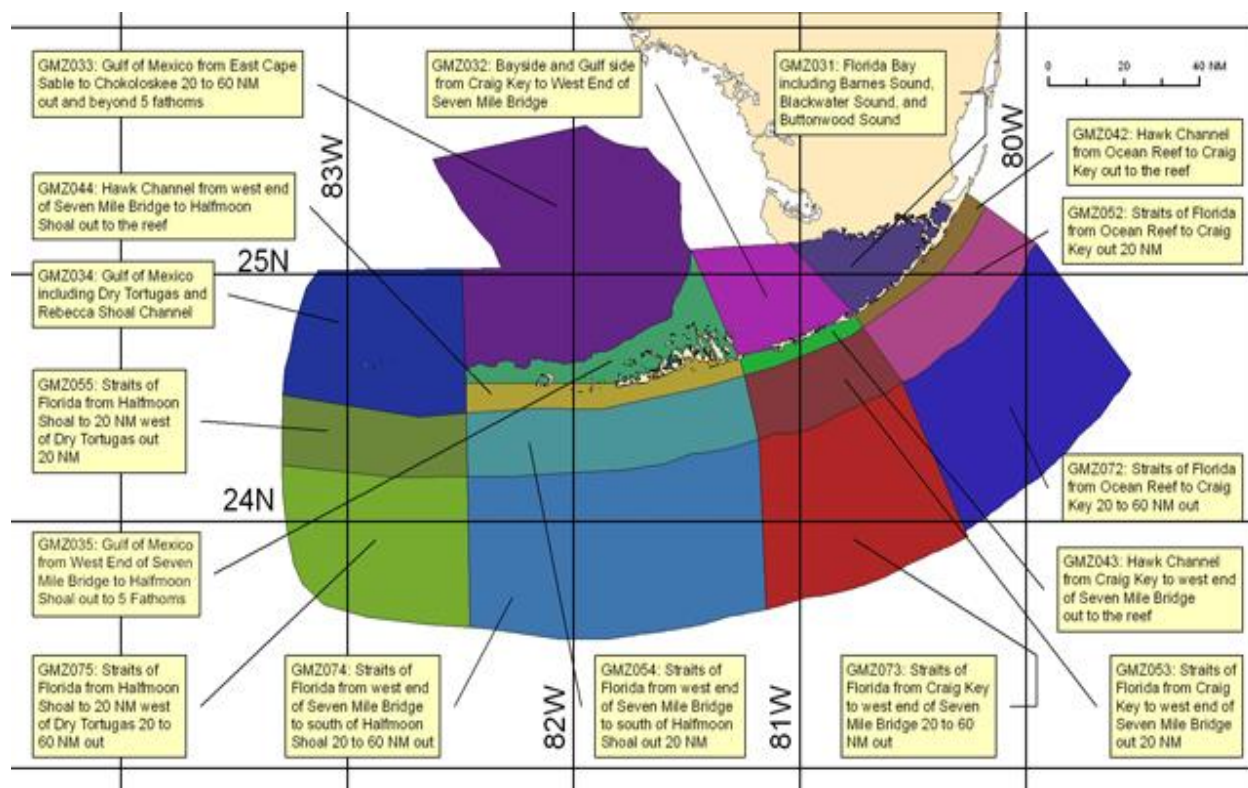
SAN JUAN, PR (SJU)

### AREA OF RESPONSIBILITY BOUNDARIES

Puerto Rico and U.S. Virgin Islands Waters.

AMZ700	Synopsis for Puerto Rico and U.S. Virgin Islands waters
AMZ710	Atlantic Waters of Puerto Rico and U.S. VI, from 10 NM to 19.5N.
AMZ712	Coastal Waters of Northern Puerto Rico, out 10 NM
AMZ715	Coastal Waters of Northern U.S. VI and Culebra, out 10 NM
AMZ722	Anegada Passage Southward to 17N
AMZ725	Coastal Waters of Southern U.S. VI, Vieques, and Eastern Puerto Rico, out 10 NM
AMZ732	Caribbean Waters of Puerto Rico and U.S. VI, from 10 NM to 17N
AMZ735	Coastal Waters of Southern Puerto Rico, out 10 NM
AMZ741	Mona Passage Southward to 17N
AMZ742	Coastal Waters of Northwestern Puerto Rico, out 10 NM
AMZ745	Coastal Waters of Southwestern Puerto Rico, out 10 NM

## MARINE ZONES FOR WFO KEY WEST, FL



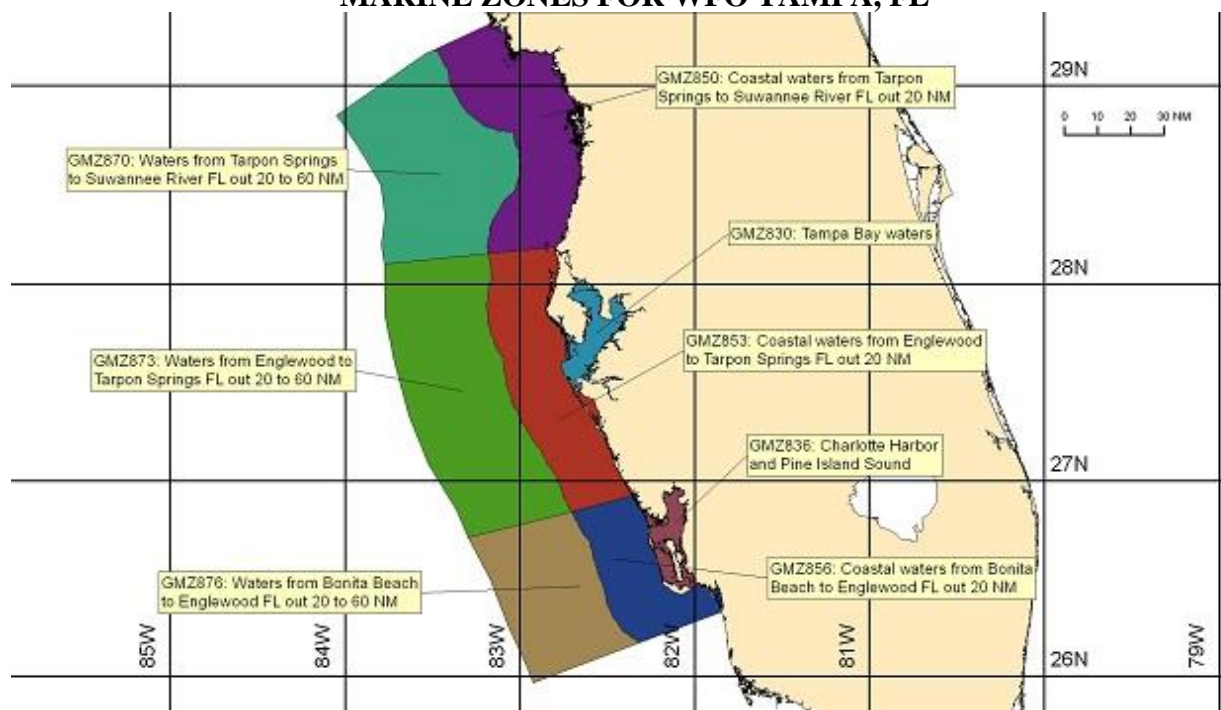
## KEY WEST, FL (KEY)

AREA OF RESPONSIBILITY BOUNDARIES

Florida Bay and the Keys, including the Florida Keys National Marine Sanctuary.

GMZ005	Synopsis for Keys Coastal Waters from Ocean Reef to Dry Tortugas
GMZ031	Florida Bay including Barnes Sound, Blackwater Sound, and Buttonwood Sound
GMZ032	Bayside and Gulfside from Craig Key to west end of Seven Mile Bridge
GMZ033	Gulf of Mexico from East Cape Sable to Chokoloskee, 20 to 60 nm out and beyond 5 fathoms
GMZ034	Gulf of Mexico including Dry Tortugas and Rebecca Shoal Channel
GMZ035	Gulf of Mexico from west end of Seven Mile Bridge to Halfmoon Shoal out to 5 fathoms
GMZ042	Hawk Channel from Ocean Reef to Craig Key out to the reef
GMZ043	Hawk Channel from Craig Key to west end of Seven Mile Bridge, out to the reef
GMZ044	Hawk Channel from west end of Seven Mile Bridge to Halfmoon Shoal, out to the reef
GMZ052	Straits of Florida from Ocean Reef to Craig Key, out 20 nm
GMZ053	Straits of Florida from Craig Key to west end of Seven Mile Bridge, out 20 nm
GMZ054	Straits of Florida from west end of Seven Mile Bridge to south of Halfmoon Shoal, out 20 nm
GMZ055	Straits of Florida from Halfmoon Shoal to 20 nm west of Dry Tortugas, out 20 nm
GMZ072	Straits of Florida from Ocean Reef to Craig Key, 20 to 60 nm out
GMZ073	Straits of Florida from Craig Key to west end of Seven Mile Bridge, 20 to 60 nm out
GMZ074	Straits of Florida from west end of Seven Mile Bridge to south of Halfmoon Shoal, 20 to 60 nm out
GMZ075	Straits of Florida from Halfmoon Shoal to 20 nm west of Dry Tortugas 20 to 60 nm out

## MARINE ZONES FOR WFO TAMPA, FL



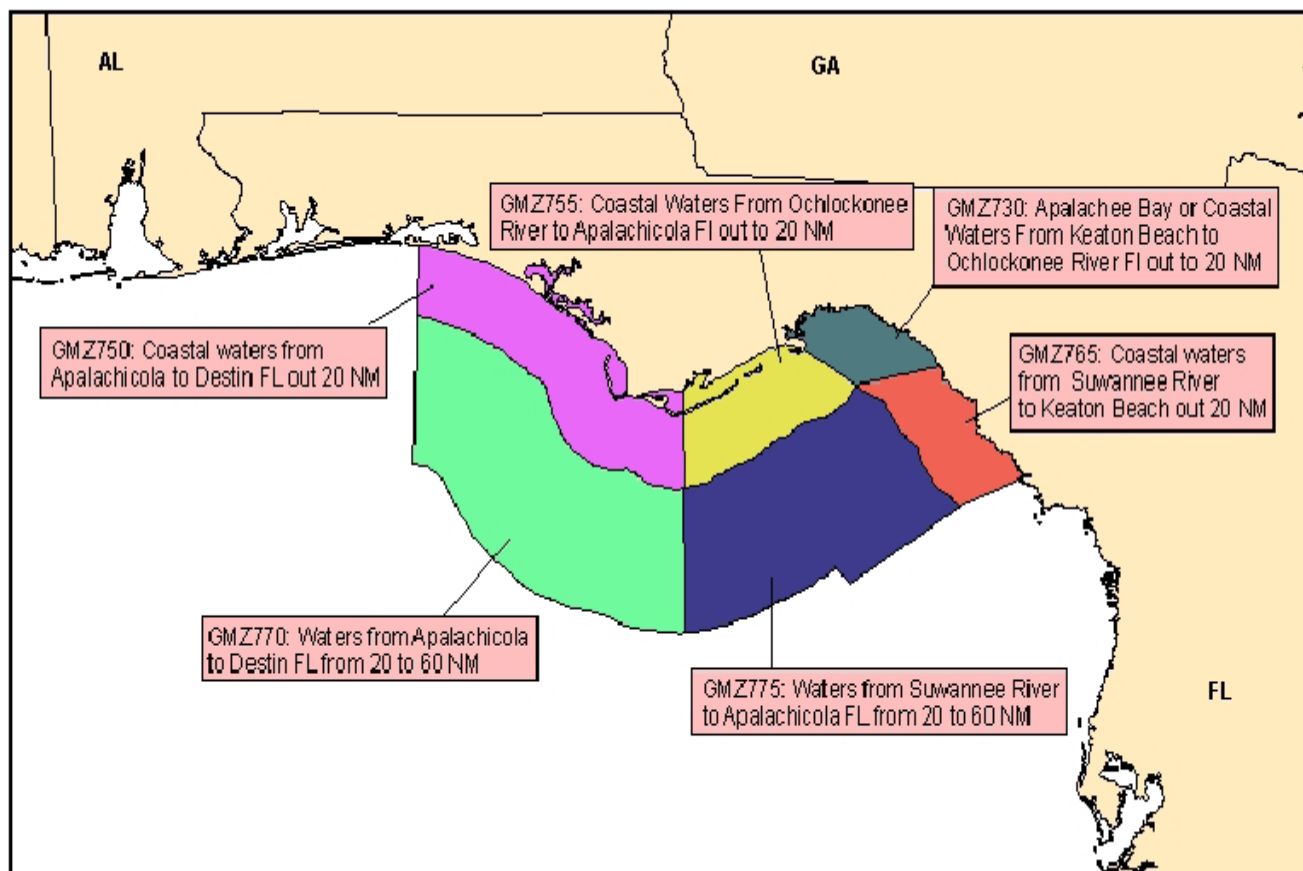
**TAMPA, FL (TBW)**

### AREA OF RESPONSIBILITY BOUNDARIES

Lee-Collier county line to Levy-Dixie, FL county line, out 60 NM.

GMZ800	Synopsis for the coastal waters from Bonita Beach to Suwannee River, FL, out 60 NM
GMZ836	Charlotte Harbor and Pine Island Sound
GMZ856	Coastal waters from Bonita Beach to Englewood, FL, out 20 NM
GMZ876	Waters from Bonita Beach to Englewood, FL, out 20 to 60 NM
GMZ830	Tampa Bay waters
GMZ853	Coastal waters from Englewood to Tarpon Springs, FL, out 20 NM
GMZ873	Waters from Englewood to Tarpon Springs, FL, out 20 to 60 NM
GMZ850	Coastal waters from Tarpon Springs to Suwannee River, FL, out 20 NM
GMZ870	Waters from Tarpon Springs to Suwannee River, FL, out 20 to 60 NM

## MARINE ZONES FOR WFO TALLAHASSEE, FL



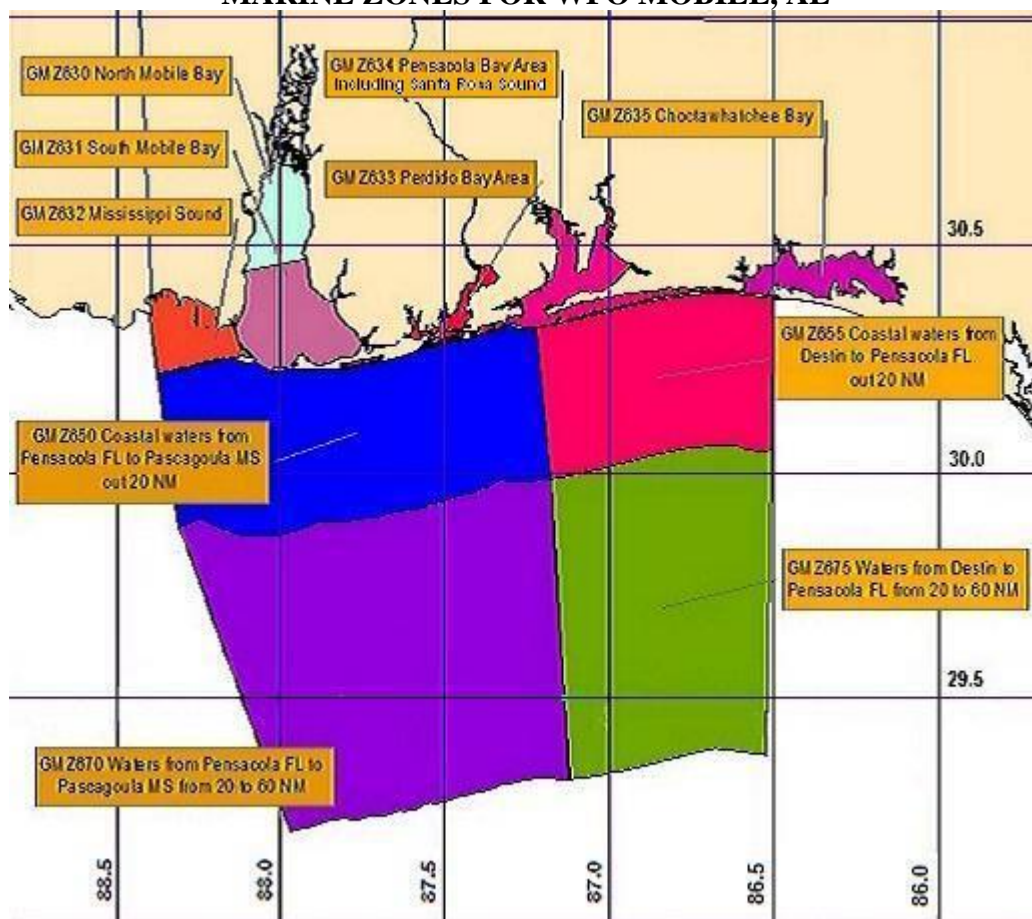
### TALLAHASSEE, FL (TAE)

#### AREA OF RESPONSIBILITY BOUNDARIES

Levy-Dixie county line to Okaloosa-Walton, FL county line, out 60 NM.

GMZ700	Synopsis for Suwannee River to Destin, FL, out 60 NM
GMZ730	Apalachee Bay or Coastal Waters from Keaton Beach to Ochlockonee River, FL, out to 20 NM
GMZ755	Coastal Waters from Ochlockonee River to Apalachicola, FL, out to 20 NM
GMZ775	Waters from Suwannee River to Apalachicola, FL, from 20 to 60 NM
GMZ750	Coastal waters from Apalachicola to Destin, FL, out 20 NM
GMZ765	Coastal waters from Suwannee River to Keaton Beach, out 20 NM
GMZ770	Waters from Apalachicola to Destin, FL, from 20 to 60 NM

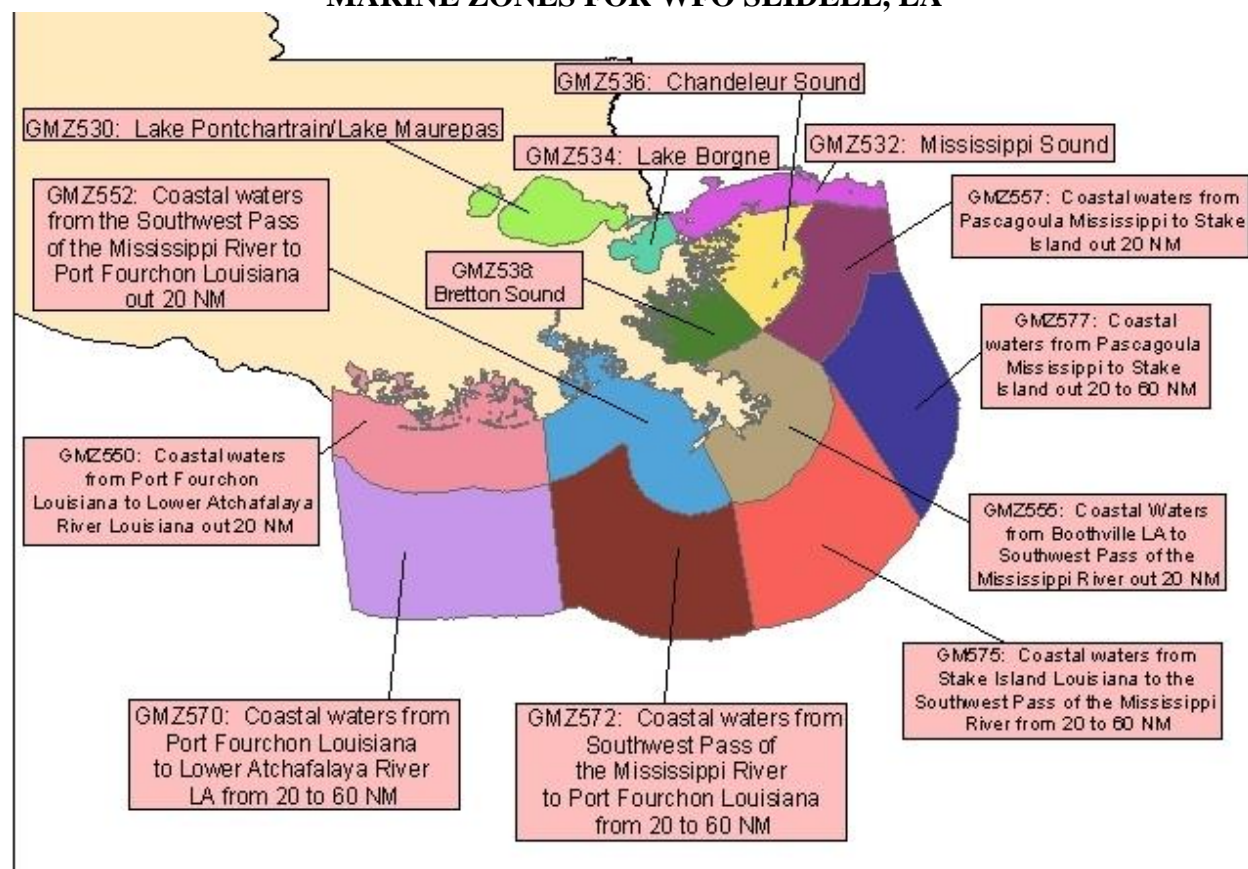


**MARINE ZONES FOR WFO MOBILE, AL****MOBILE, AL (MOB)**AREA OF RESPONSIBILITY BOUNDARIES

Okaloosa-Walton, FL county line to Alabama-Mississippi state line, out 60 NM.

GMZ600	Synopsis for Destin, FL to Pascagoula, MS, out 60 NM, including Bays and Coastal Waterways
GMZ655	Coastal waters from Destin to Pensacola, FL, out 20 NM
GMZ675	Waters from Destin to Pensacola, FL, from 20 to 60 NM
GMZ650	Coastal waters from Pensacola, FL to Pascagoula, MS, out 20 NM
GMZ670	Waters from Pensacola, FL to Pascagoula, MS, from 20 to 60 NM
GMZ630	North Mobile Bay
GMZ631	South Mobile Bay
GMZ632	Mississippi Sound
GMZ633	Perdido Bay Area
GMZ634	Pensacola Bay Area including Santa Rosa Sound
GMZ635	Choctawhatchee Bay

# MARINE ZONES FOR WFO SLIDELL, LA



## SLIDELL, LA (LIX)

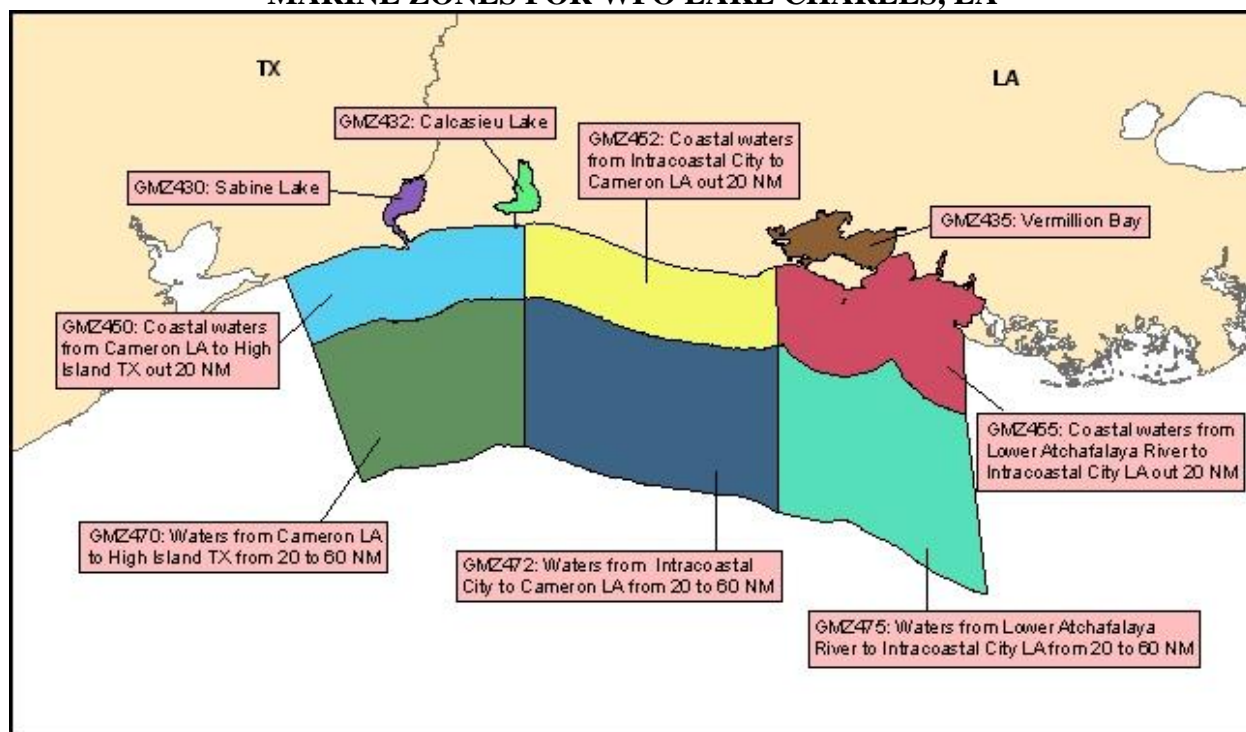
### AREA OF RESPONSIBILITY BOUNDARIES

Alabama-Mississippi state line to Terrebone-St. Mary parish line, out 60 NM.

GMZ500	Synopsis Pascagoula to SW Pass Mississippi River
GMZ530	Lake Pontchartrain and Lake Maurepas
GMZ532	Mississippi Sound
GMZ534	Lake Borgne
GMZ536	Chandeleur Sound
GMZ538	Breton Sound
GMZ555	Coastal waters from Boothville, LA to Southwest Pass of the Mississippi River, out 20 NM
GMZ575	Coastal waters from Stake Island, LA to the Southwest Pass of the Mississippi River, from 20 to 60 NM
GMZ557	Coastal waters from Pascagoula, MS to Stake Island, LA, out 20 NM
GMZ577	Coastal waters from Pascagoula, MS to Stake Island, LA, from 20 to 60 NM
GMZ501	Synopsis for SW Pass of the Mississippi River to Atchafalaya River
GMZ550	Coastal waters from Port Fourchon, LA to Lower Atchafalaya River, LA, out 20 NM
GMZ570	Coastal waters from Port Fourchon, LA to Lower Atchafalaya River, LA, from 20 to 60 NM
GMZ552	Coastal waters from the Southwest Pass of the Mississippi River to Port Fourchon, LA, out 20 NM

GMZ572 Coastal waters from the Southwest Pass of the Mississippi River to Port Fourchon, LA,  
from 20 to 60 NM

## MARINE ZONES FOR WFO LAKE CHARLES, LA



### LAKE CHARLES, LA (LCH)

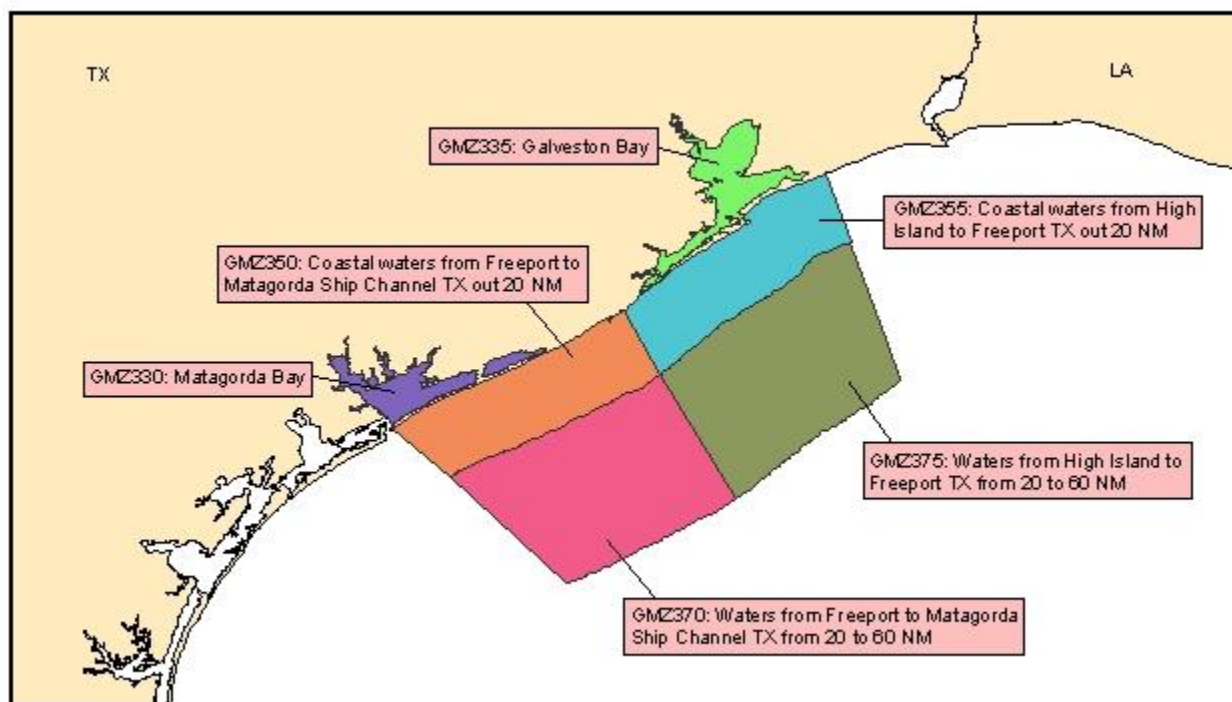
#### AREA OF RESPONSIBILITY BOUNDARIES

Terrebonne-St. Mary parish line to the Chambers-Jefferson, TX county line, out 60 NM.

GMZ400	Synopsis for Lower Atchafalaya River, LA to High Island, TX, out 60 NM
GMZ455	Coastal waters from Lower Atchafalaya River to Intracoastal City, LA, out 20 NM
GMZ475	Waters from Lower Atchafalaya River to Intracoastal City, LA, from 20 to 60 NM
GMZ452	Coastal waters from Intracoastal City to Cameron, LA, out 20 NM
GMZ472	Waters from Intracoastal City to Cameron, LA, from 20 to 60 NM
GMZ450	Coastal waters from Cameron, LA to High Island, TX, out 20 NM
GMZ470	Waters from Cameron, LA to High Island, TX, from 20 to 60 NM
GMZ430	Sabine Lake
GMZ432	Calcasieu Lake
GMZ435	Vermillion Bay



## MARINE ZONES FOR WFO HOUSTON-GALVESTON, TX



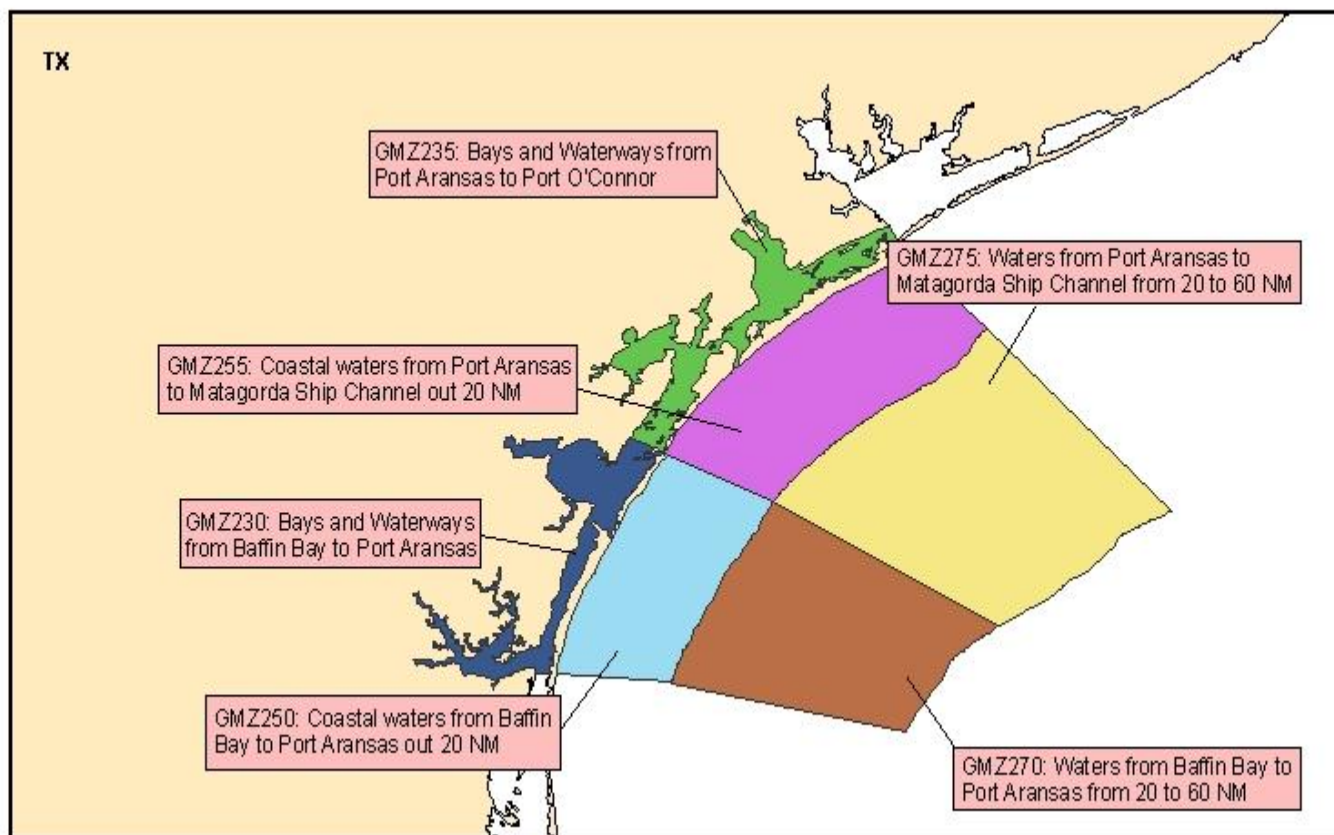
### HOUSTON-GALVESTON, TX (HGX)

#### AREA OF RESPONSIBILITY BOUNDARIES

Chambers-Jefferson county line to Calhoun-Matagorda, TX county line, out 60 NM.

GMZ300	Synopsis for High Island to Matagorda Ship Channel out 60 NM, including Galveston and Matagorda Bays
GMZ335	Galveston Bay
GMZ355	Coastal waters from High Island to Freeport, TX, out 20 NM
GMZ375	Waters from High Island to Freeport, TX, from 20 to 60 NM
GMZ330	Matagorda Bay
GMZ350	Coastal waters from Freeport to Matagorda Ship Channel, TX, out 20 NM
GMZ370	Waters from Freeport to Matagorda Ship Channel, TX, from 20 to 60 NM

## MARINE ZONES FOR WFO CORPUS CHRISTI, TX



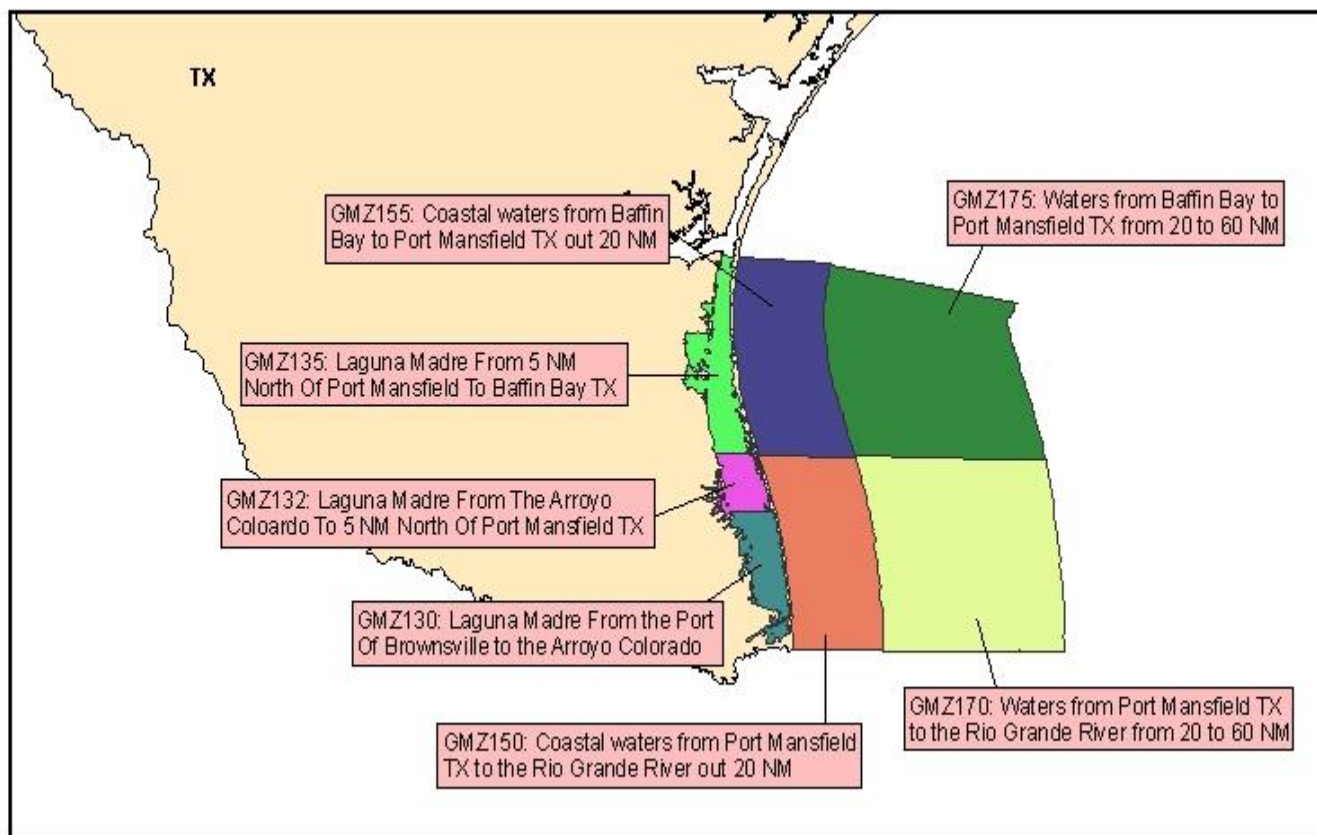
### CORPUS CHRISTI, TX (CRP)

#### AREA OF RESPONSIBILITY BOUNDARIES

Calhoun-Matagorda county line to Kenedy-Kleberg, TX county line, out 60 NM.

GMZ200	Synopsis for the middle Texas coastal waters
GMZ235	Bays and Waterways from Port Aransas to Port O'Connor
GMZ255	Coastal waters from Port Aransas to Matagorda Ship Channel, out 20 NM
GMZ275	Waters from Port Aransas to Matagorda Ship Channel, from 20 to 60 NM
GMZ230	Bays and Waterways from Baffin Bay to Port Aransas
GMZ250	Coastal waters from Baffin Bay to Port Aransas, out 20 NM
GMZ270	Waters from Baffin Bay to Port Aransas, from 20 to 60 NM

## MARINE ZONES FOR WFO BROWNSVILLE, TX

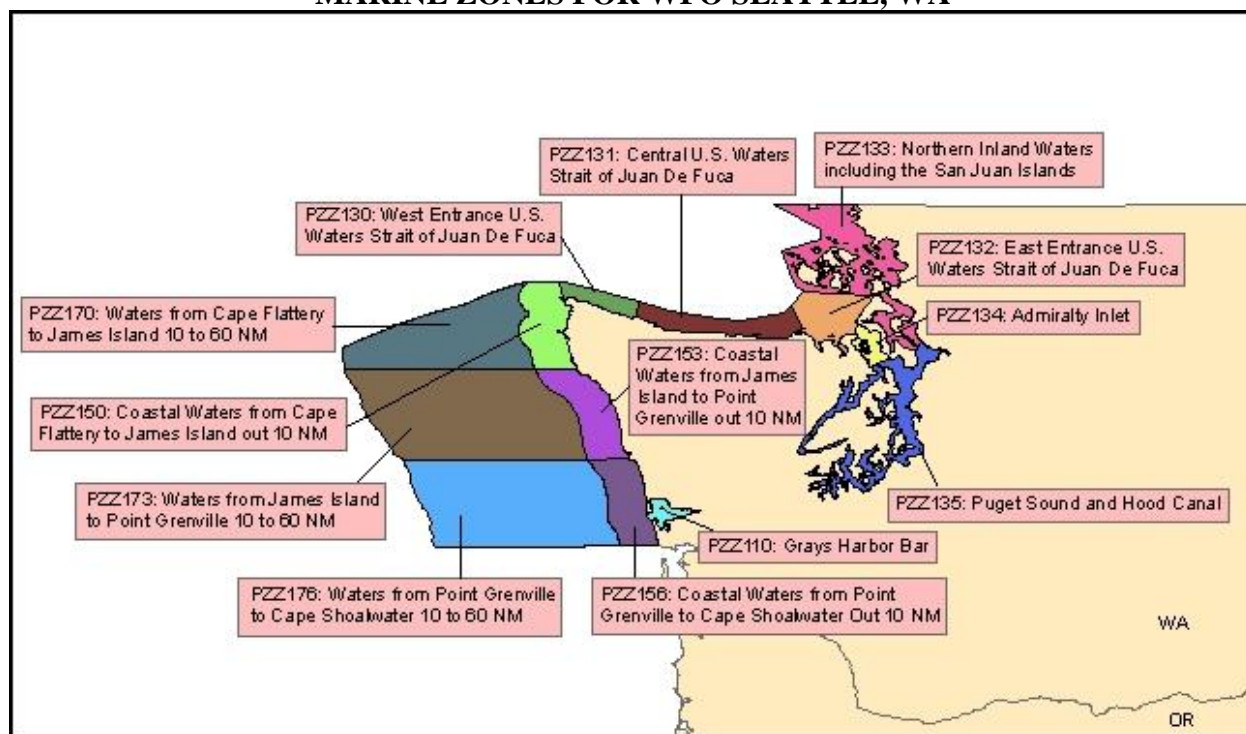


### BROWNSVILLE, TX (BRO)

#### AREA OF RESPONSIBILITY BOUNDARIES

Kenedy-Kleberg, TX county line to U.S./Mexican border (Rio Grande River), out 60 NM.

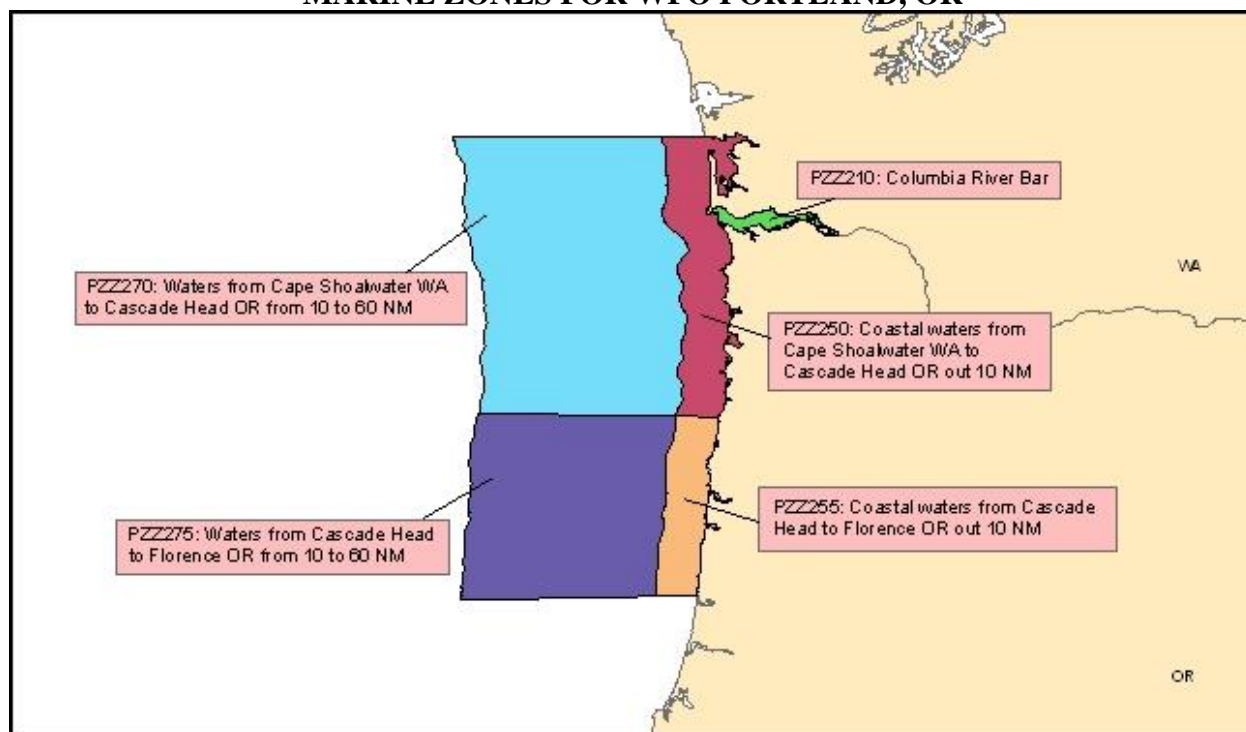
GMZ100	Synopsis from Baffin Bay to the Rio Grande River, out 60 NM
GMZ155	Coastal waters from Baffin Bay to Port Mansfield, TX, out 20 NM
GMZ175	Waters from Baffin Bay to Port Mansfield, TX, from 20 to 60 NM
GMZ130	Laguna Madre from the Port of Brownsville to the Arroyo Colorado
GMZ132	Laguna Madre from the Arroyo Colorado to 5 NM North of Port Mansfield, TX
GMZ135	Laguna Madre from 5 nm North of Port Mansfield to Baffin Bay, TX
GMZ150	Coastal waters from Port Mansfield, TX to the Rio Grande River, out 20 NM
GMZ170	Waters from Port Mansfield, TX to the Rio Grande River, from 20 to 60 NM

**MARINE ZONES FOR WFO SEATTLE, WA****SEATTLE, WA (SEW)****AREA OF RESPONSIBILITY BOUNDARIES**

Inland Waters of Western Washington and the Northern and Central Washington Coastal Waters. Includes the Olympic Coast National Marine Sanctuary.

PZZ100	Synopsis for Northern and Central Washington Coastal and Inland Waters
PZZ133	Northern inland waters including the San Juan Islands
PZZ135	Puget Sound and Hood Canal
PZZ134	Admiralty Inlet
PZZ132	East Entrance, U.S. waters Strait of Juan de Fuca
PZZ131	Central U.S. waters Strait of Juan de Fuca
PZZ130	West Entrance, U.S. waters Strait of Juan de Fuca
PZZ150	Coastal waters from Cape Flattery to James Island, out 10 NM
PZZ170	Waters from Cape Flattery to James Island, 10 to 60 NM
PZZ153	Coastal waters from James Island to Point Grenville, out 10 NM
PZZ173	Waters from James Island to Point Grenville, 10 to 60 NM
PZZ156	Coastal waters from Point Grenville to Cape Shoalwater, out 10 NM
PZZ176	Waters from Point Grenville to Cape Shoalwater, 10 to 60 NM
PZZ110	Grays Harbor Bar - Two period wave/current forecast only

## MARINE ZONES FOR WFO PORTLAND, OR



### PORTLAND, OR (PQR)

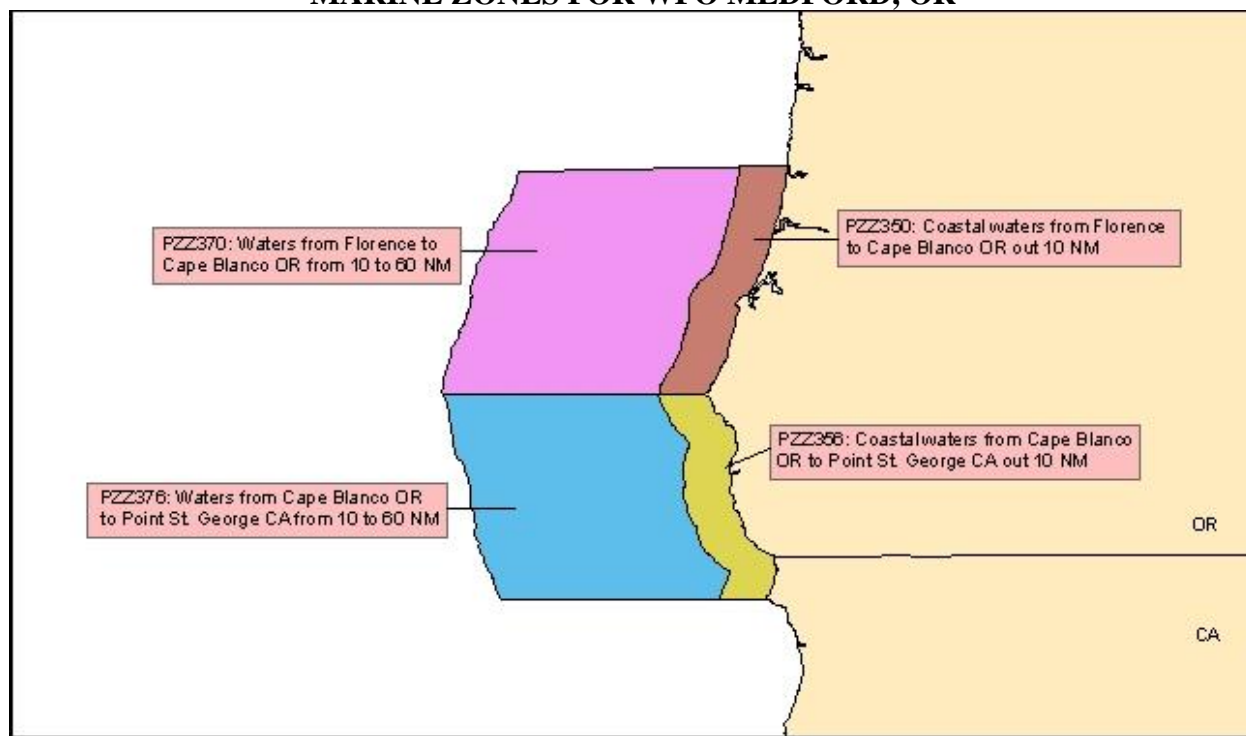
#### AREA OF RESPONSIBILITY BOUNDARIES

Pacific-Grays Harbor, WA county line to Douglas-Lane, OR county line, out 60 NM.

PZZ200	Synopsis for Southern Washington and Northern Oregon Coast
PZZ250	Coastal waters from Cape Shoalwater, WA to Cascade Head, OR, out 10 NM
PZZ270	Waters from Cape Shoalwater, WA to Cascade Head, OR, from 10 to 60 NM
PZZ210	Columbia River Bar - Two period wave/current forecast only
PZZ255	Coastal waters from Cascade Head to Florence, OR out 10 NM
PZZ275	Waters from Cascade Head to Florence, OR, from 10 to 60 NM



## MARINE ZONES FOR WFO MEDFORD, OR



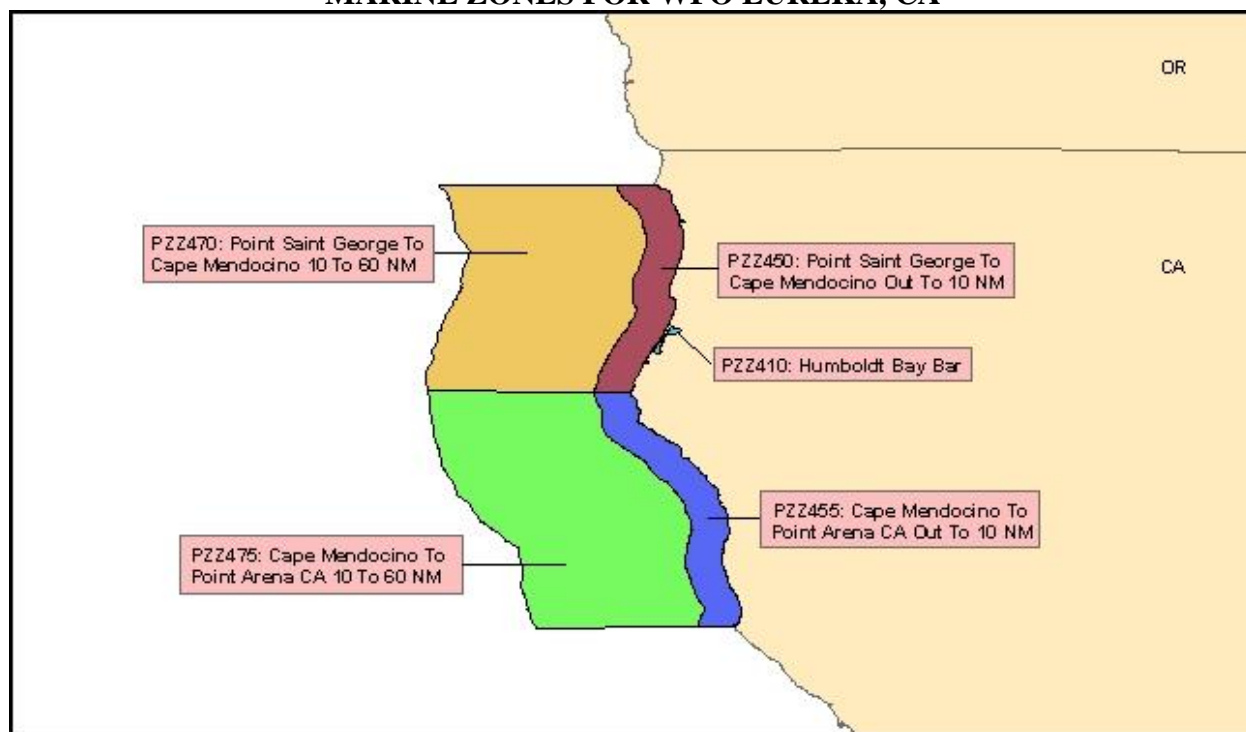
### MEDFORD, OR (MFR)

#### AREA OF RESPONSIBILITY BOUNDARIES

Douglas-Lane, OR county line to Oregon-California border, out 60 NM.

PZZ300	Synopsis for the Southern Oregon Coastal Waters
PZZ350	Coastal waters from Florence to Cape Blanco, OR, out 10 NM
PZZ370	Waters from Florence to Cape Blanco, OR, from 10 to 60 NM
PZZ356	Coastal waters from Cape Blanco, OR to Pt. St. George, CA, out 10 NM
PZZ376	Waters from Cape Blanco, OR to Pt. St. George, CA, from 10 to 60 NM

# MARINE ZONES FOR WFO EUREKA, CA

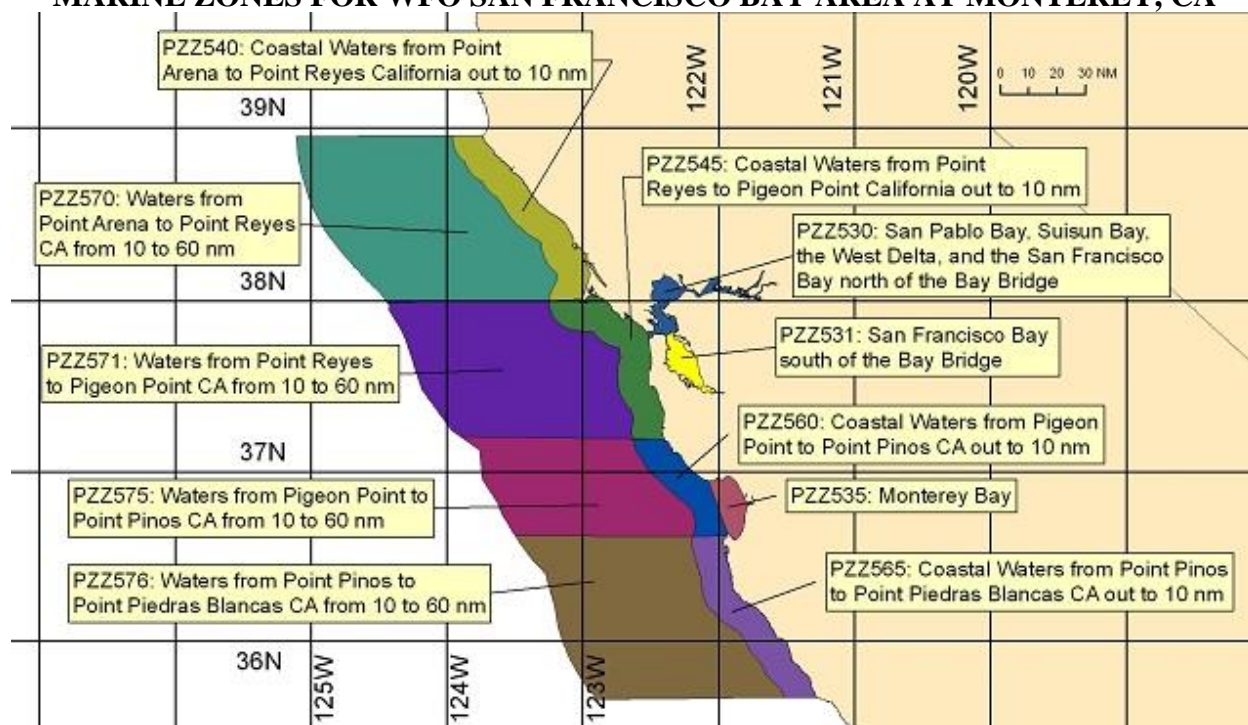


## EUREKA, CA (EKA)

### AREA OF RESPONSIBILITY BOUNDARIES

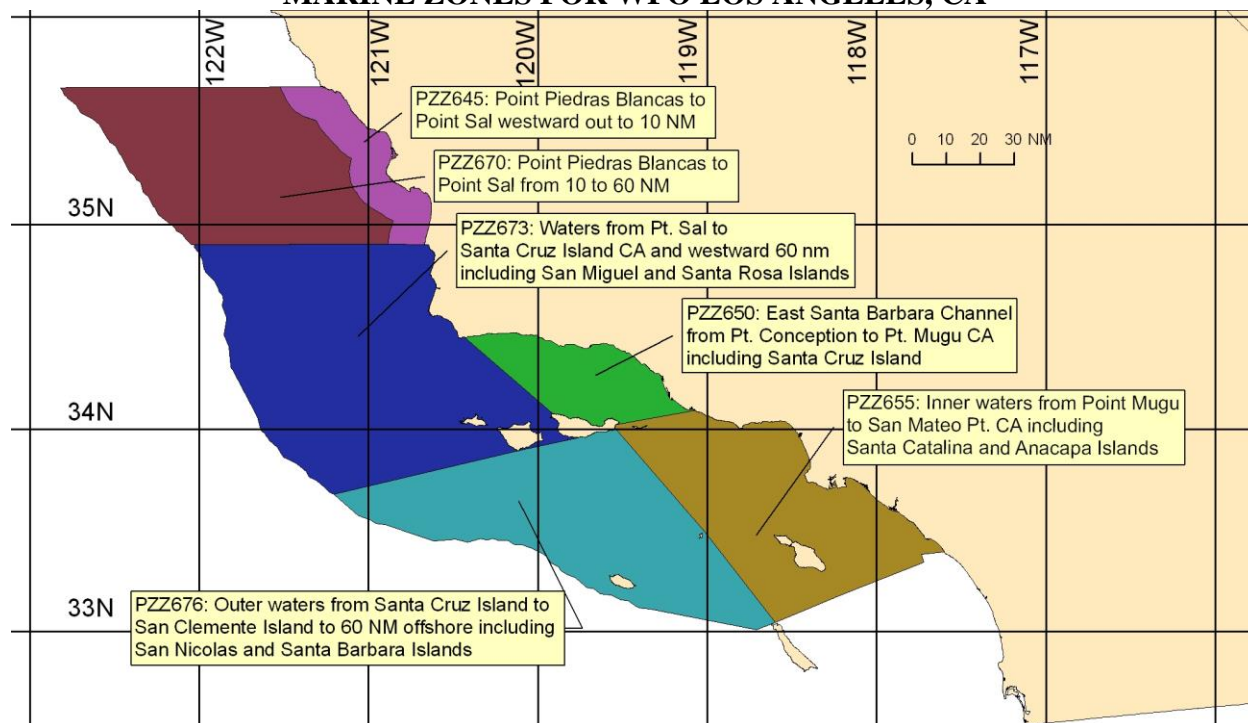
Oregon-California border to Sonoma-Mendocino, CA county line, out 60 NM.

PZZ400	Synopsis for Northern California Waters
PZZ450	Point St. George to Cape Mendocino, out to 10 NM
PZZ470	Point St. George to Cape Mendocino, 10 to 60 NM
PZZ455	Cape Mendocino to Point Arena, out to 10 NM
PZZ475	Cape Mendocino to Point Arena, 10 to 60 NM
PZZ410	Humboldt Bay Bar - Three period wave/current forecast only – The forecast will be provided for the first three days of the corresponding Coastal Waters Forecast.

**MARINE ZONES FOR WFO SAN FRANCISCO BAY AREA AT MONTEREY, CA****SAN FRANCISCO BAY AREA AT MONTEREY, CA (MTR)****AREA OF RESPONSIBILITY BOUNDARIES**

Sonoma-Mendocino county line to Monterey-San Luis Obispo, CA county line, out 60 NM.  
Includes the Monterey Bay, Gulf of the Farallones, and Cordell Bank National Marine Sanctuaries.

PZZ500	Synopsis for Central California Coast and Bays, including Monterey Bay...Gulf of the Farallones...and Cordell Bank National Marine Sanctuaries
PZZ540	Coastal Waters from Point Arena to Point Reyes, CA, out to 10 NM
PZZ545	Coastal Waters from Point Reyes to Pigeon Point, CA, out to 10 NM
PZZ560	Coastal Waters from Pigeon Point to Point Pinos, CA, out to 10 NM
PZZ565	Coastal Waters from Point Pinos to Point Piedras Blancas, CA, out to 10 NM
PZZ570	Waters from Point Arena to Point Reyes, CA, from 10 to 60 NM
PZZ571	Waters from Point Reyes to Pigeon Point, CA, from 10 to 60 NM
PZZ575	Waters from Pigeon Point to Point Pinos, CA, from 10 to 60 NM
PZZ576	Waters from Point Pinos to Point Piedras Blancas, CA, from 10 to 60 NM
PZZ535	Monterey Bay
PZZ530	San Pablo Bay, Suisun Bay, the West Delta, and the San Francisco Bay north of the Bay Bridge
PZZ531	San Francisco Bay south of the Bay Bridge

**MARINE ZONES FOR WFO LOS ANGELES, CA****LOS ANGELES, CA (LOX)****AREA OF RESPONSIBILITY BOUNDARIES**

Monterey-San Luis Obispo county line to San Diego-Orange, CA county line, out 60 NM.  
Includes the Channel Islands National Marine Sanctuary and National Park.

PZZ600	Synopsis for Southern California Coast and Santa Barbara Channel, including the Channel Islands National Marine Sanctuary and National Park
PZZ645	Point Piedras Blancas to Point Sal, westward out to 10 NM
PZZ670	Point Piedras Blancas to Point Sal, from 10 to 60 NM
PZZ673	Waters from Point Sal to Santa Cruz Island, CA, and westward 60 NM, including San Miguel and Santa Rosa Islands
PZZ650	East Santa Barbara Channel from Point Conception to Point Mugu, CA, including Santa Cruz Island
PZZ655	Inner waters from Point Mugu to San Mateo Point, CA, including Santa Catalina and Anacapa Islands
PZZ676	Outer waters from Santa Cruz Island to San Clemente Island, to 60 NM offshore, including San Nicolas and Santa Barbara Islands

**MARINE ZONES FOR WFO SAN DIEGO, CA**



**SAN DIEGO, CA (SGX)**

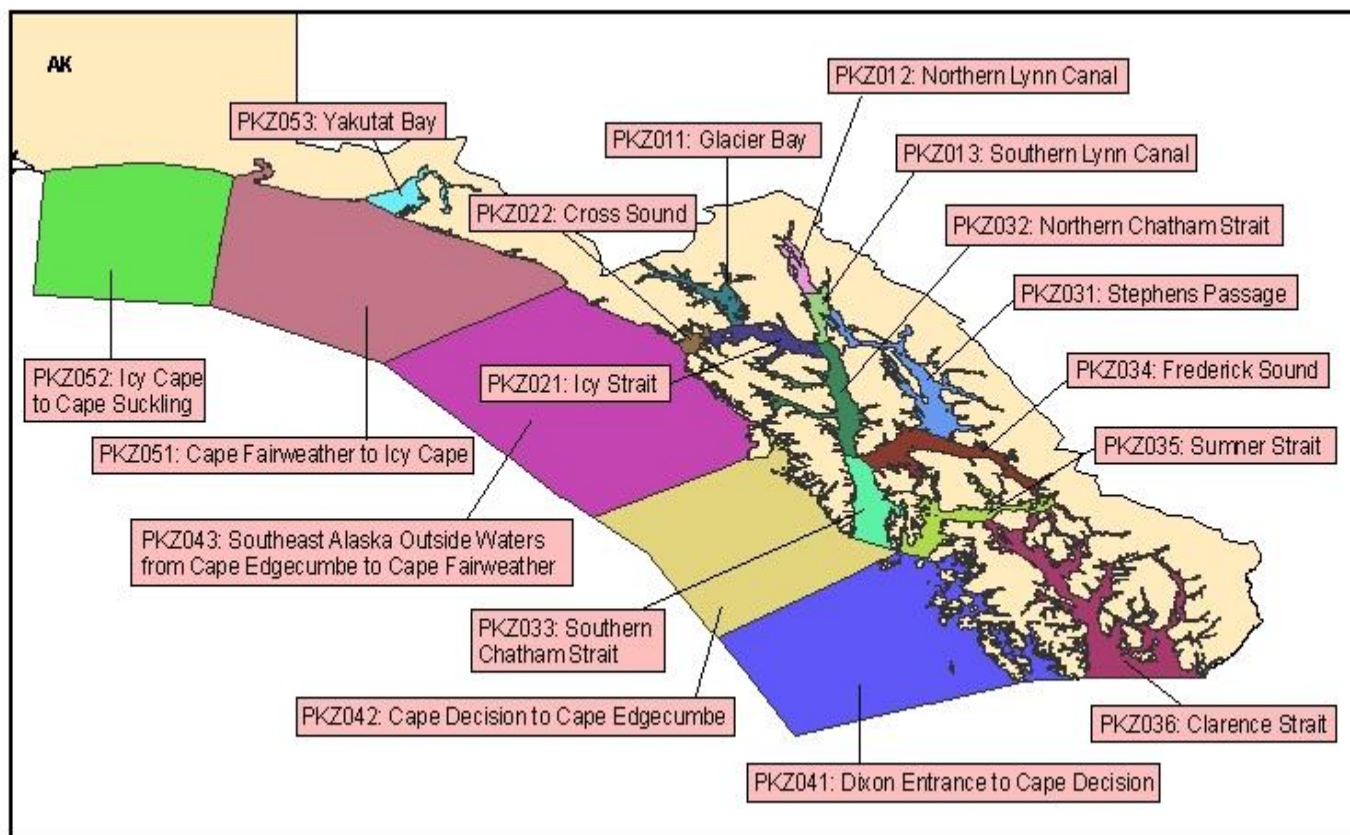
**AREA OF RESPONSIBILITY BOUNDARIES**

San Diego-Orange, CA county line to U.S.-Mexico border near San Diego, CA, out 60 NM.

PZZ700	Synopsis for Far Southern California Coast
PZZ750	Coastal Waters from San Mateo Point to the Mexican border, out 30 NM
PZZ775	Waters from San Mateo Point to the Mexican Border, extending 30 to 60 NM out, including San Clemente Island



## MARINE ZONES FOR WFO JUNEAU, AK



**JUNEAU, AK (AJK)**

**All except Yakutat Bay**

**YAKUTAK, AK (AYA)**

**Yakutat Bay**

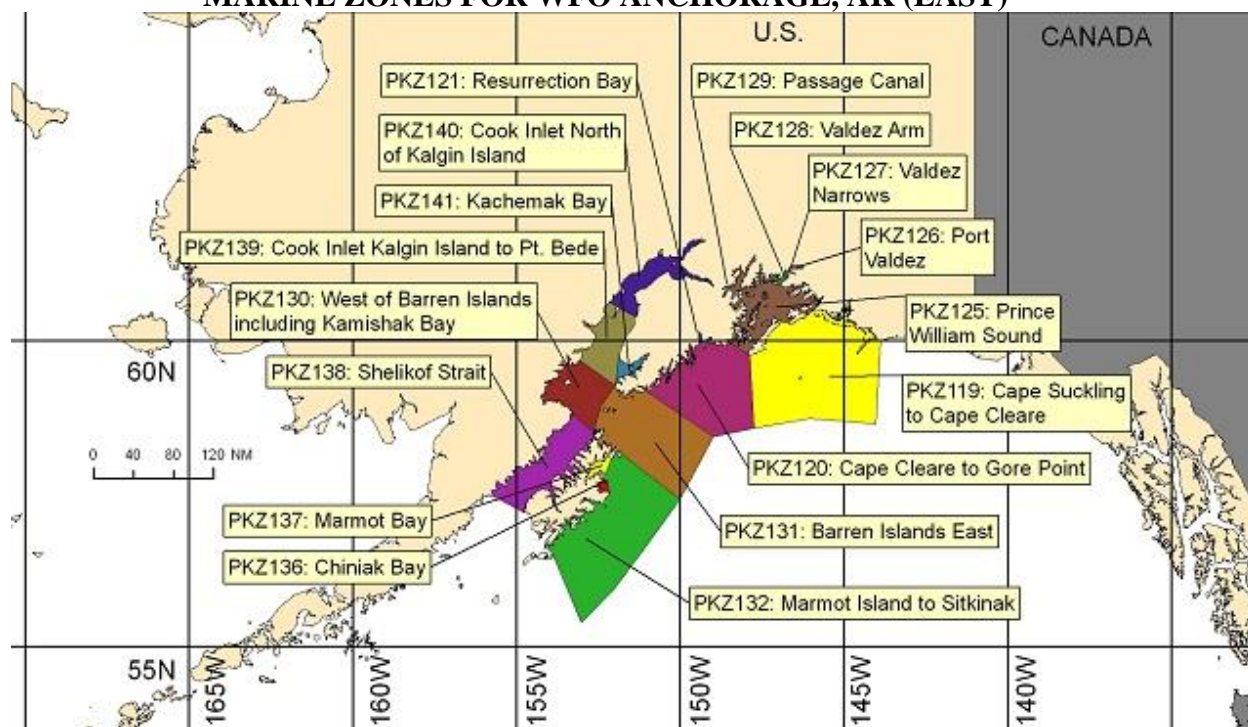
### AREA OF RESPONSIBILITY BOUNDARIES

Coastal and Inside Waters Dixon Entrance to Cape Suckling, including Yakutat Bay, out to 100 NM.

PKZ098	Synopsis for Southeast Alaska Inner Channels Coastal Waters
PKZ011	Glacier Bay
PKZ012	Northern Lynn Canal
PKZ013	Southern Lynn Canal
PKZ021	Icy Strait
PKZ022	Cross Sound
PKZ031	Stephens Passage
PKZ032	Northern Chatham Strait
PKZ033	Southern Chatham Strait
PKZ034	Frederick Sound
PKZ035	Sumner Strait
PKZ036	Clarence Strait
PKZ099	Synopsis for Outside Waters
PKZ041	Dixon Entrance to Cape Decision

PKZ042	Cape Decision to Cape Edgecumbe
PKZ043	Cape Edgecumbe to Cape Fairweather
PKZ051	Cape Fairweather to Icy Cape
PKZ052	Icy Cape to Cape Suckling
PKZ053	Yakutat Bay

# **MARINE ZONES FOR WFO ANCHORAGE, AK (EAST)**

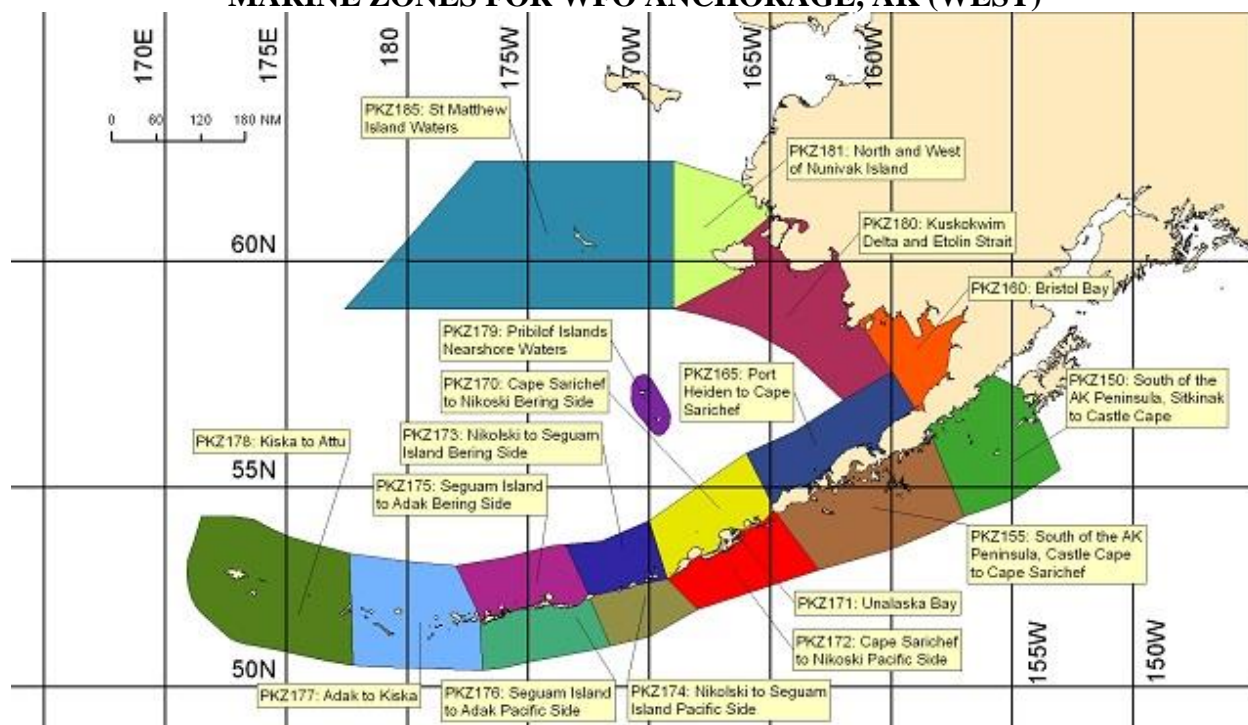


## **ANCHORAGE, AK (EAST) (AFC/AER)**

### AREA OF RESPONSIBILITY BOUNDARIES

Northern Gulf of Alaska Coast, up to 100 NM out, including Kodiak Island and Cook Inlet.

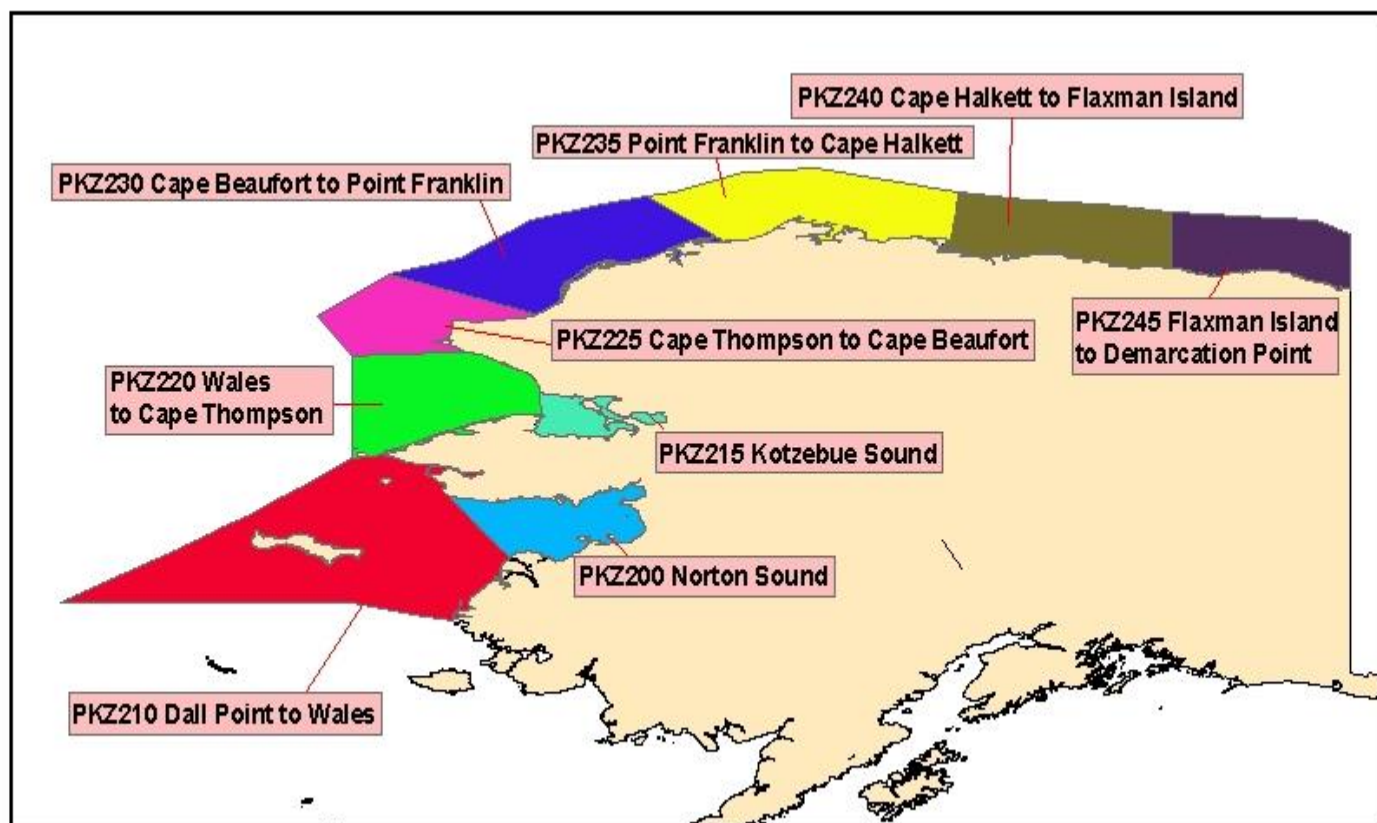
PKZ197	Synopsis for the North Gulf Coast...Kodiak Island Waters...and Cook Inlet
PKZ119	Cape Suckling to Cape Cleare
PKZ120	Cape Cleare to Gore Point
PKZ121	Resurrection Bay
PKZ125	Prince William Sound
PKZ126	Port Valdez
PKZ127	Valdez Narrows
PKZ128	Valdez Arm
PKZ129	Passage Canal
PKZ130	West of Barren Islands, including Kamishak Bay
PKZ131	Barren Islands East
PKZ132	Marmot Island to Sitkinak
PKZ136	Chiniak Bay
PKZ137	Marmot Bay
PKZ138	Shelikof Strait
PKZ139	Cook Inlet Kalgin Island to Pt. Bede
PKZ140	Cook Inlet North of Kalgin Island
PKZ141	Kachemak Bay

**MARINE ZONES FOR WFO ANCHORAGE, AK (WEST)****ANCHORAGE, AK (WEST) (AFC/ALU)**AREA OF RESPONSIBILITY BOUNDARIES

Southwest Alaska, Bristol Bay, the Alaska Peninsula Waters and the Aleutian Islands, up to 100 NM out.

PKZ199	Synopsis for Southwest Alaska...Bristol Bay...the Alaska Peninsula Waters...and the Aleutian Islands
PKZ150	South of the Alaska Peninsula Sitkinak to Castle Cape
PKZ155	South of the Alaska Peninsula Castle Cape to Cape Sarichef
PKZ160	Bristol Bay
PKZ165	Port Heiden to Cape Sarichef
PKZ180	Kuskokwim Delta and Etolin Strait
PKZ181	North and West of Nunivak Island
PKZ170	Cape Sarichef to Nikolski Bering Side
PKZ171	Unalaska Bay
PKZ172	Cape Sarichef to Nikolski Pacific Side
PKZ173	Nikolski to Seguam Island Bering Side
PKZ174	Nikolski to Seguam Island Pacific Side
PKZ175	Seguam Island to Adak Bering Side
PKZ176	Seguam Island to Adak Pacific Side
PKZ177	Adak to Kiska
PKZ178	Kiska to Attu
PKZ179	Pribilof Islands Nearshore Waters
PKZ185	St. Matthew Island Waters

## MARINE ZONES FOR WFO FAIRBANKS, AK



### FAIRBANKS, AK (AFG)

#### AREA OF RESPONSIBILITY BOUNDARIES

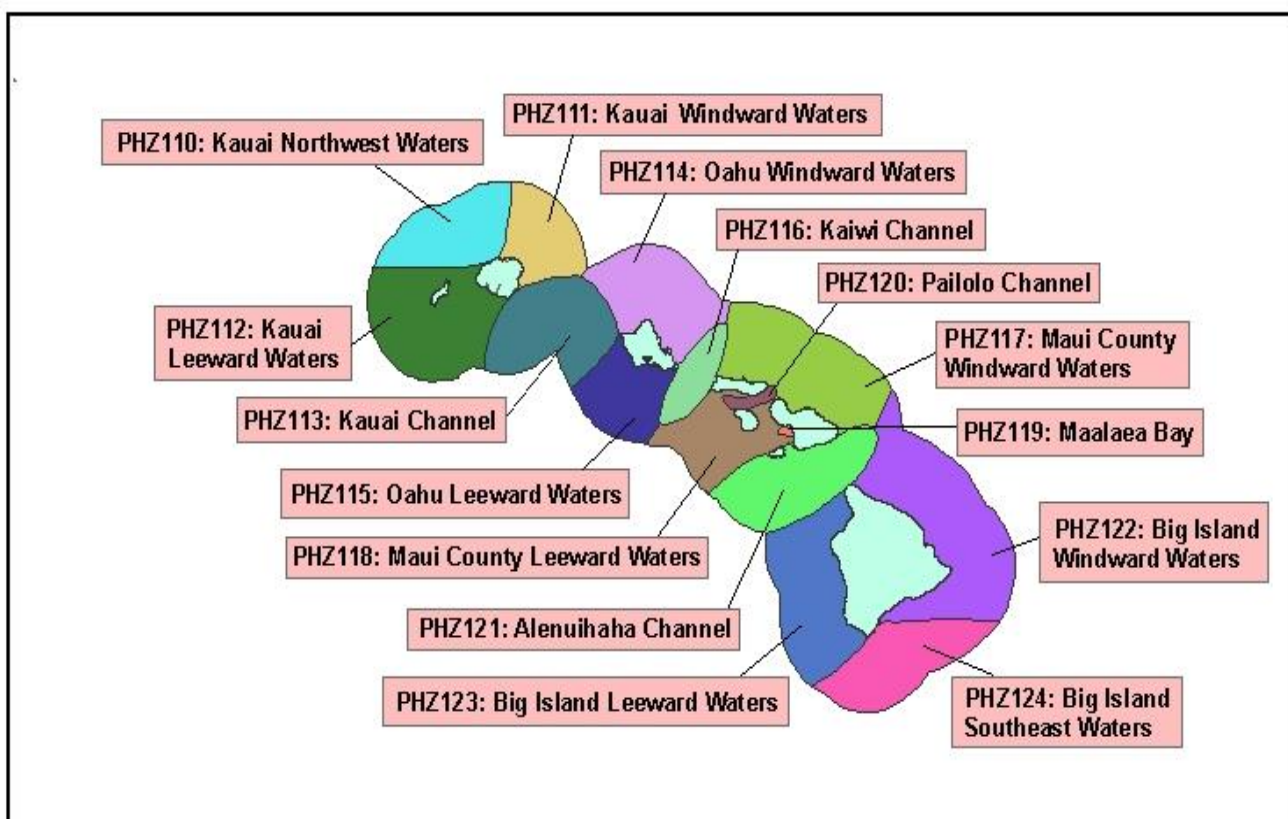
Arctic Alaska Coastal Waters Forecast.

Cape Thompson to Demarcation Point, out to 100 NM.

PKZ298	Synopsis for Arctic Coast
PKZ225	Cape Thompson to Cape Beaufort
PKZ230	Cape Beaufort to Point Franklin
PKZ235	Point Franklin to Cape Halkett
PKZ240	Cape Halkett to Flaxman Island
PKZ245	Flaxman Island to Demarcation Point
PKZ299	Synopsis for Northwest Coast
PKZ200	Norton Sound
PKZ210	Dall Point to Wales
PKZ215	Kotzebue Sound
PKZ220	Wales to Cape Thompson



## MARINE ZONES FOR WFO HONOLULU, HI



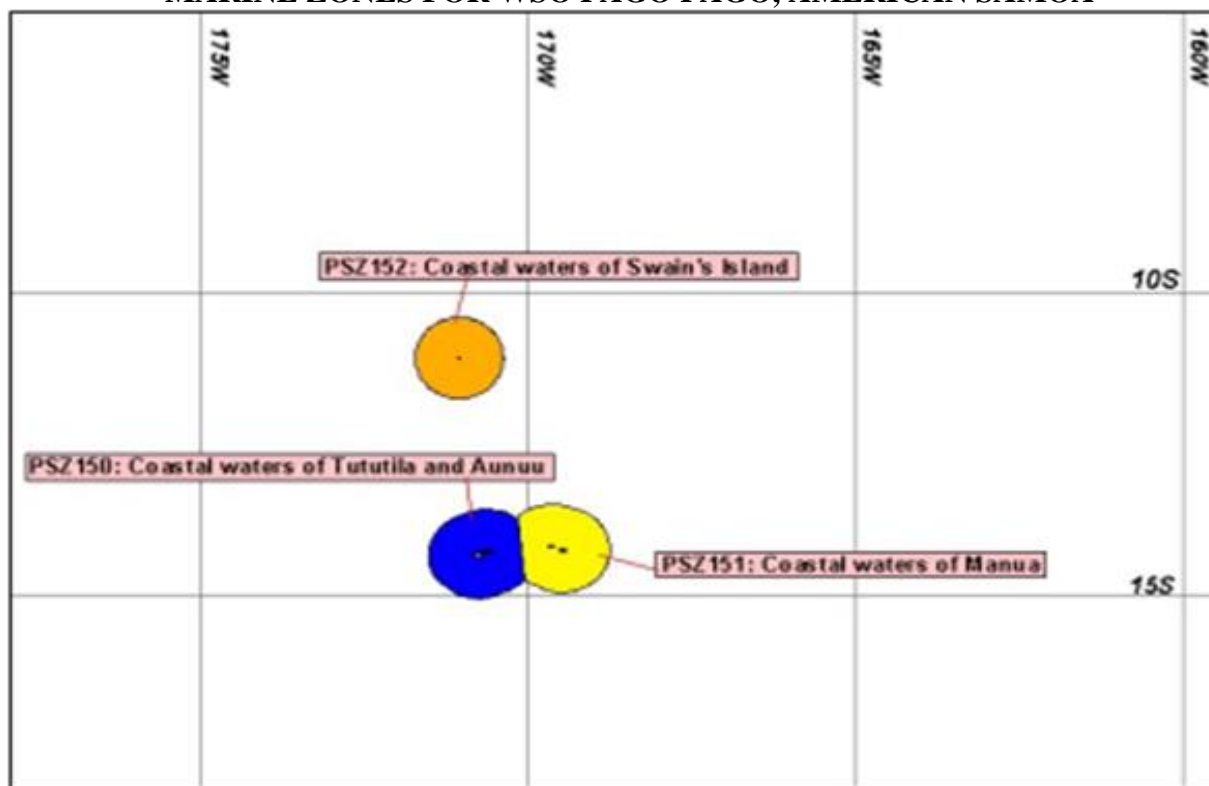
### HONOLULU, HI (HFO)

#### AREA OF RESPONSIBILITY BOUNDARIES

Water area within 40 NM of the main Hawaiian Islands. Includes the Hawaiian Islands Humpback Whale National Marine Sanctuary.

PHZ100	Synopsis for Hawaiian Coastal Waters
PHZ110	Kauai Northwest Waters
PHZ111	Kauai Windward Waters
PHZ112	Kauai Leeward Waters
PHZ113	Kauai Channel
PHZ114	Oahu Windward Waters
PHZ115	Oahu Leeward Waters
PHZ116	Kaiwi Channel
PHZ117	Maui County Windward Waters
PHZ118	Maui County Leeward Waters
PHZ119	Maalaea Bay
PHZ120	Pailolo Channel
PHZ121	Alenuihaha Channel
PHZ122	Big Island Windward Waters
PHZ123	Big Island Leeward Waters
PHZ124	Big Island Southeast Waters

# MARINE ZONES FOR WSO PAGO PAGO, AMERICAN SAMOA

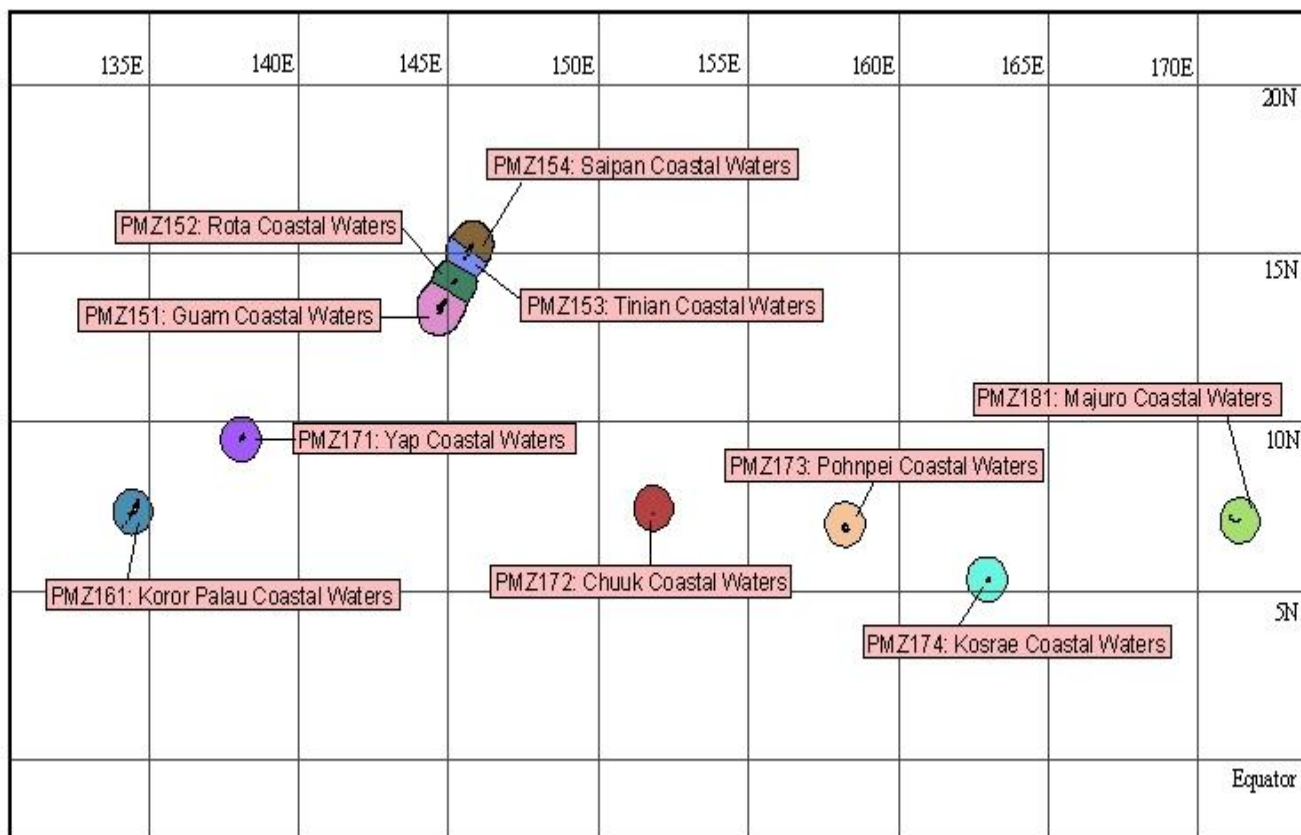


## PAGO PAGO, AMERICAN SAMOA (STU)

### AREA OF RESPONSIBILITY BOUNDARIES

American Samoa Coastal Waters. Includes the Fagatele Bay National Marine Sanctuary.

PSZ100	Synopsis for American Samoa coastal waters
PSZ150	Tututila and Aunuu coastal waters
PSZ151	Manua coastal waters
PSZ152	Swains Island coastal waters

**MARINE ZONES FOR WFO GUAM****GUAM (GUM)**

**Guam and Commonwealth of the North Marianas, Republic of Palau, Federated States of Micronesia, Republic of the Marshall Islands**

**AREA OF RESPONSIBILITY BOUNDARIES**

Guam and the Commonwealth of the Northern Mariana Islands within 40 NM of Guam, Rota, Tinian, and Saipan.

The Republic of Palau within 40 NM of Koror.

The Federated States of Micronesia within 40 NM of Yap, Chuuk, Pohnpei, and Kosrae.

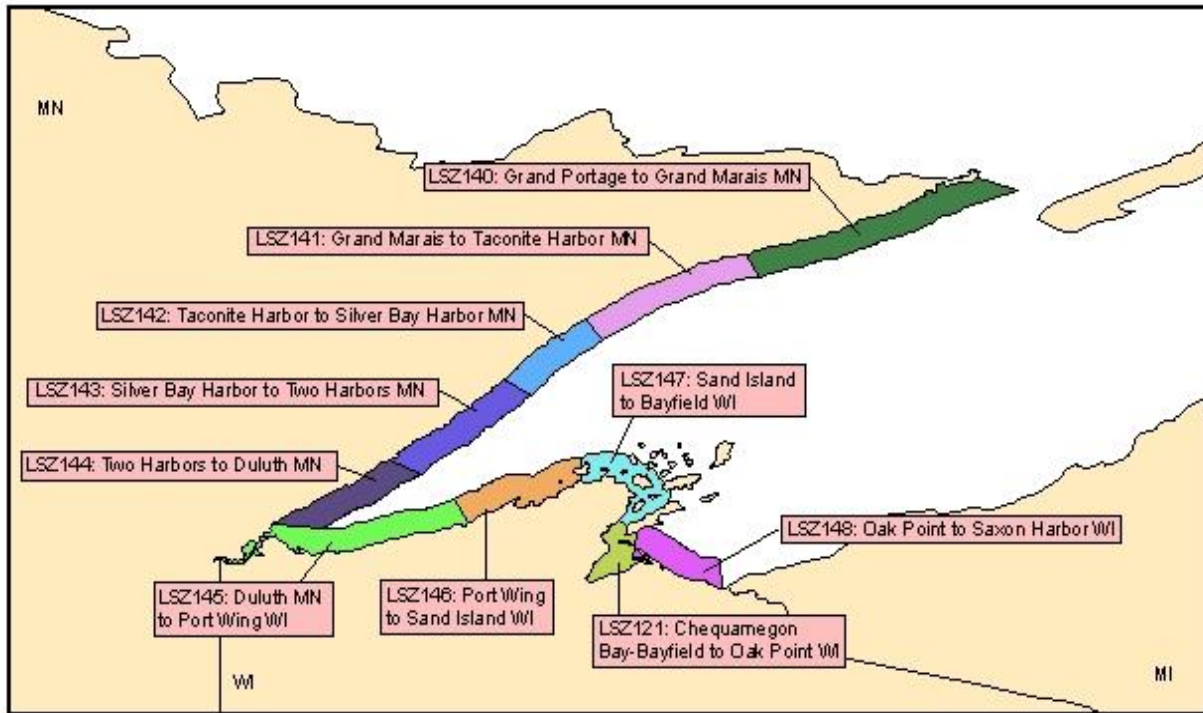
The Republic of the Marshall Islands within 40 NM of Majuro.

PMZ150	Synopsis for Marianas waters
PMZ151	Guam coastal waters
PMZ152	Rota coastal waters
PMZ153	Tinian coastal waters
PMZ154	Saipan coastal waters
PMZ161	Koror Palau coastal waters
PMZ171	Yap coastal waters
PMZ172	Chuuk coastal waters
PMZ173	Pohnpei coastal waters
PMZ174	Kosrae coastal waters
PMZ181	Majuro coastal waters

Note: Special Marine Warnings/Marine Weather Statements are issued for Marianas coastal waters only.

## 2 Great Lakes Forecast Areas of Responsibility

### MARINE ZONES FOR WFO DULUTH, MN (Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)



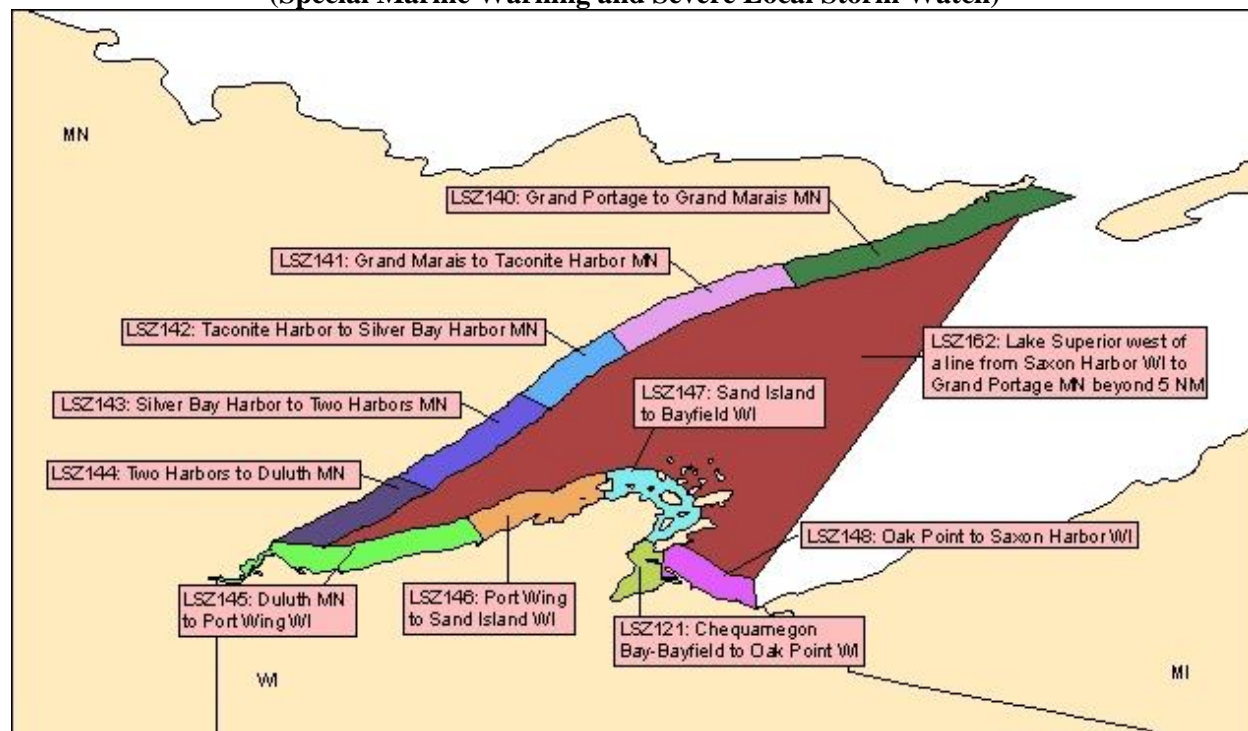
### DULUTH, MN (DLH)

#### AREA OF RESPONSIBILITY BOUNDARIES

Lake Superior – U.S./Canada border to WI-MI border.

LSZ140	Grand Portage to Grand Marais, MN
LSZ141	Grand Marais to Taconite Harbor, MN
LSZ142	Taconite Harbor to Silver Bay Harbor, MN
LSZ143	Silver Bay Harbor to Two Harbors, MN
LSZ144	Two Harbors to Duluth, MN
LSZ145	Duluth, MN to Port Wing, WI
LSZ146	Port Wing to Sand Island, WI
LSZ147	Sand Island to Bayfield, WI
LSZ121	Chequamegon Bay-Bayfield to Oak Point, WI
LSZ148	Oak Point to Saxon Harbor, WI

**MARINE ZONES FOR WFO DULUTH, MN**  
(Special Marine Warning and Severe Local Storm Watch)



**DULUTH, MN (DLH)**

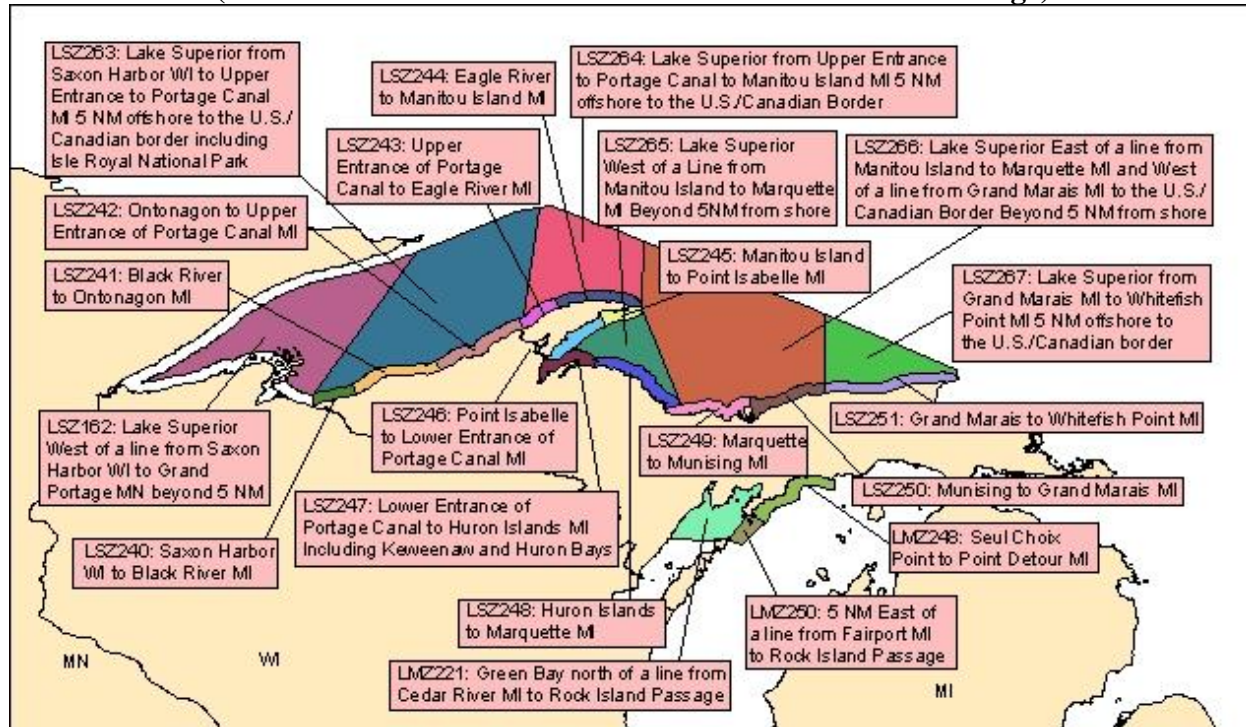
AREA OF RESPONSIBILITY BOUNDARIES

Lake Superior – U.S./Canada border to WI-MI border.

LSZ140	Grand Portage to Grand Marais, MN
LSZ141	Grand Marais to Taconite Harbor, MN
LSZ142	Taconite Harbor to Silver Bay Harbor, MN
LSZ143	Silver Bay Harbor to Two Harbors, MN
LSZ144	Two Harbors to Duluth, MN
LSZ145	Duluth, MN to Port Wing, WI
LSZ146	Port Wing to Sand Island, WI
LSZ147	Sand Island to Bayfield, WI
LSZ121	Chequamegon Bay-Bayfield to Oak Point, WI
LSZ148	Oak Point to Saxon Harbor, WI
LSZ162	Lake Superior west of a line from Saxon Harbor, WI to Grand Portage, MN, beyond 5 NM



**MARINE ZONES FOR WFO MARQUETTE, MI**  
**(Hazardous Weather Outlook and Marine Weather Message)**



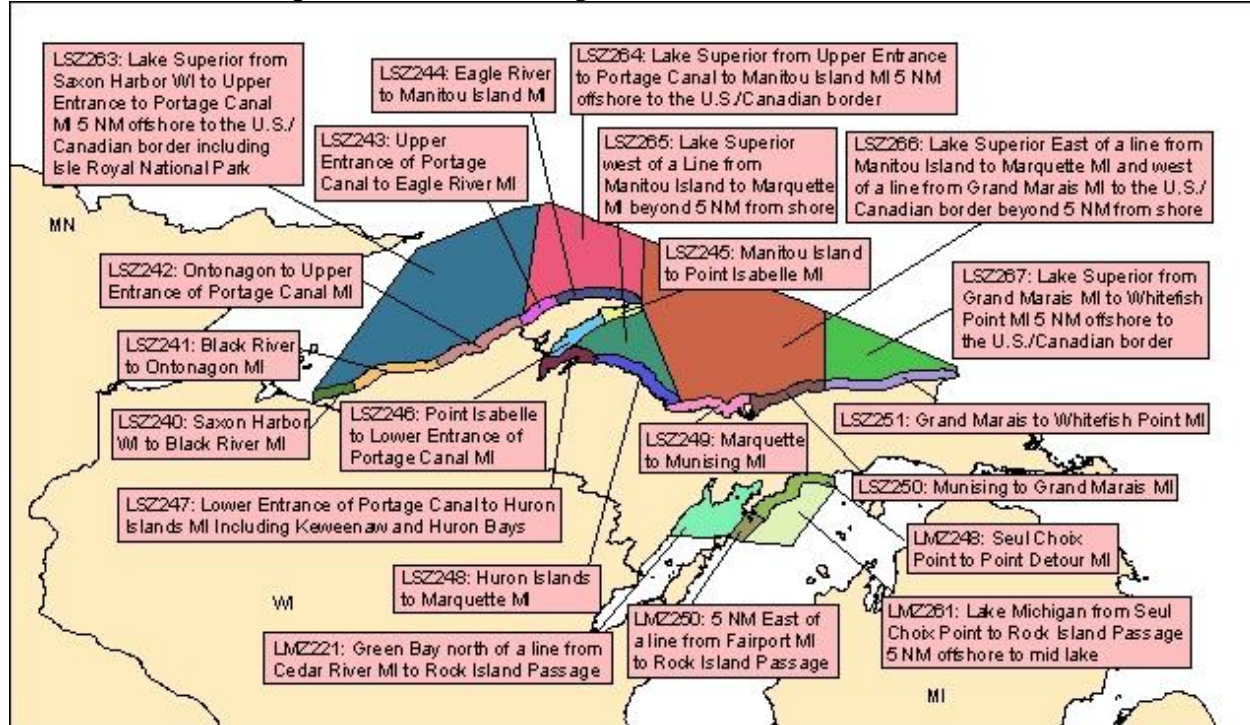
**MARQUETTE, MI (MQT)**

AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior  
 Lake Superior – WI-MI border to Whitefish Point, MI.

LSZ240	Saxon Harbor, WI to Black River, MI
LSZ241	Black River to Ontonagon, MI
LSZ242	Ontonagon to Upper Entrance of Portage Canal, MI
LSZ243	Upper Entrance of Portage Canal to Eagle River, MI
LSZ244	Eagle River to Manitou Island, MI
LSZ245	Manitou Island to Point Isabelle, MI
LSZ246	Point Isabelle to Lower Entrance of Portage Canal, MI
LSZ247	Lower Entrance of Portage Canal to Huron Islands, MI, including Keweenaw and Huron Bays
LSZ248	Huron Islands to Marquette, MI
LSZ249	Marquette to Munising, MI
LSZ250	Munising to Grand Marais, MI
LSZ251	Grand Marais to Whitefish Point, MI
LMZ221	Green Bay north of a line from Cedar River, MI to Rock Island Passage
LMZ248	Seul Choix Point to Point Detour, MI
LMZ250	5 NM east of a line from Fairport, MI to Rock Island Passage
LSZ162	Lake Superior west of a line from Saxon Harbor, WI to Grand Portage, MN, beyond 5 NM
LSZ263	Lake Superior from Saxon Harbor, WI to Upper Entrance to Portage Canal, MI, 5 NM off-shore to the U.S./Canadian border, including Isle Royal National Park

- LSZ264 Lake Superior from Upper Entrance to Portage Canal to Manitou Island, MI, 5 NM offshore to the U.S./Canadian border
- LSZ265 Lake Superior west of a line from Manitou Island to Marquette, MI, beyond 5 NM from shore
- LSZ266 Lake Superior east of a line from Manitou Island to Marquette, MI, and west of a line from Grand Marais, MI to the U.S./Canadian border, beyond 5 NM from shore
- LSZ267 Lake Superior from Grand Marais, MI to Whitefish Point, MI, 5 NM offshore to the U.S./Canadian border

**MARINE ZONES FOR WFO MARQUETTE, MI**  
(Special Marine Warning and Severe Local Storm Watch)



**MARQUETTE, MI (MQT)**

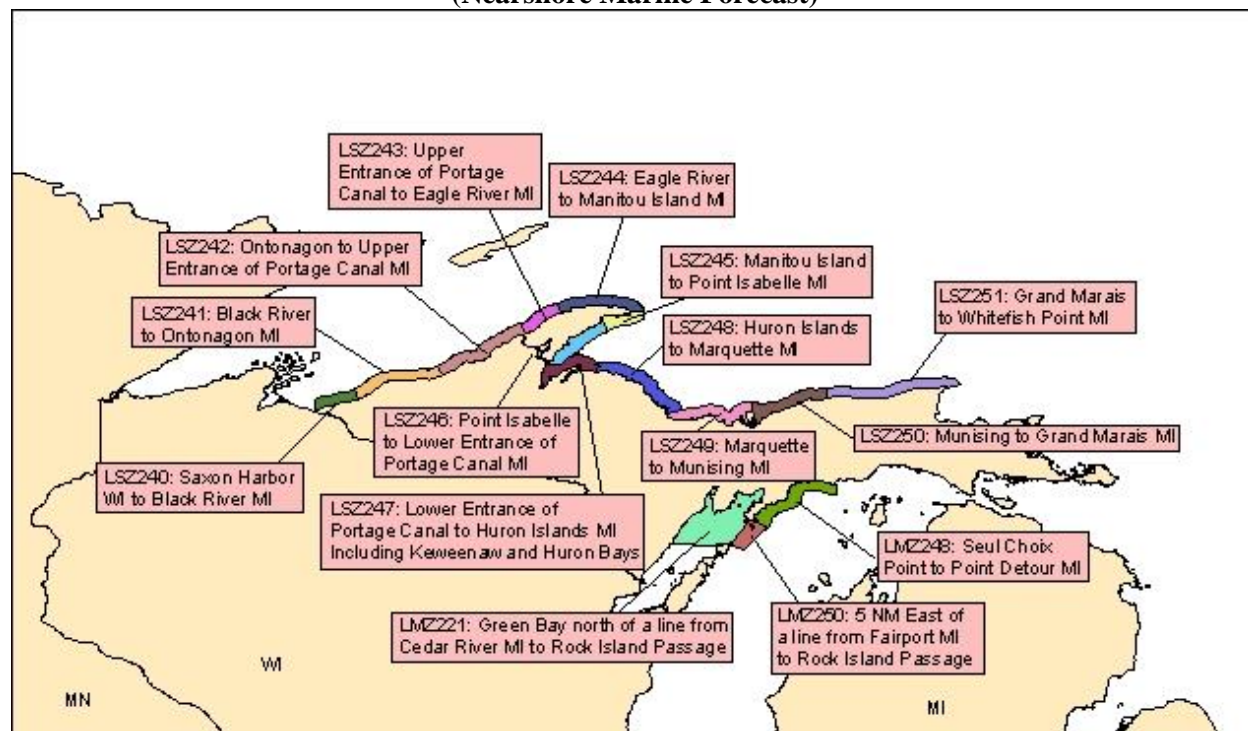
AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior

Lake Superior – WI-MI border to Whitefish Point, MI.

- |        |  |
|--------|--|
| LSZ240 | Saxon Harbor, WI to Black River, MI  |
| LSZ241 | Black River to Ontonagon, MI   |
| LSZ242 | Ontonagon to Upper Entrance of Portage Canal, MI   |
| LSZ243 | Upper Entrance of Portage Canal to Eagle River, MI   |
| LSZ244 | Eagle River to Manitou Island, MI  |
| LSZ245 | Manitou Island to Point Isabelle, MI   |
| LSZ246 | Point Isabelle to Lower Entrance of Portage Canal, MI  |
| LSZ247 | Lower Entrance of Portage Canal to Huron Islands, MI, including Keweenaw and Huron Bays  |
| LSZ248 | Huron Islands to Marquette, MI   |
| LSZ249 | Marquette to Munising, MI  |
| LSZ250 | Munising to Grand Marais, MI   |
| LSZ251 | Grand Marais to Whitefish Point, MI  |
| LMZ221 | Green Bay north of a line from Cedar River, MI to Rock Island Passage  |
| LMZ248 | Seul Choix Point to Point Detour, MI   |
| LMZ250 | 5 NM East of a line from Fairport, MI to Rock Island Passage   |
| LMZ261 | Lake Michigan from Seul Choix Point to Rock Island Passage, 5 NM offshore to mid-lake  |
| LSZ263 | Lake Superior from Saxon Harbor, WI to Upper Entrance to Portage Canal, MI, 5 NM off-shore to the U.S./Canadian border, including Isle Royal National Park |
| LSZ264 | Lake Superior from Upper Entrance to Portage Canal to Manitou Island, MI, 5 NM offshore to the U.S./Canadian border  |

- LSZ265 Lake Superior west of a line from Manitou Island to Marquette, MI, beyond 5 NM from shore
- LSZ266 Lake Superior east of a line from Manitou Island to Marquette, MI, and west of a line from Grand Marais, MI to the U.S./Canadian border, beyond 5 NM from shore
- LSZ267 Lake Superior from Grand Marais, MI to Whitefish Point, MI, 5 NM offshore to the U.S./Canadian border

**MARINE ZONES FOR WFO MARQUETTE, MI**  
(Nearshore Marine Forecast)



**MARQUETTE, MI (MQT)**

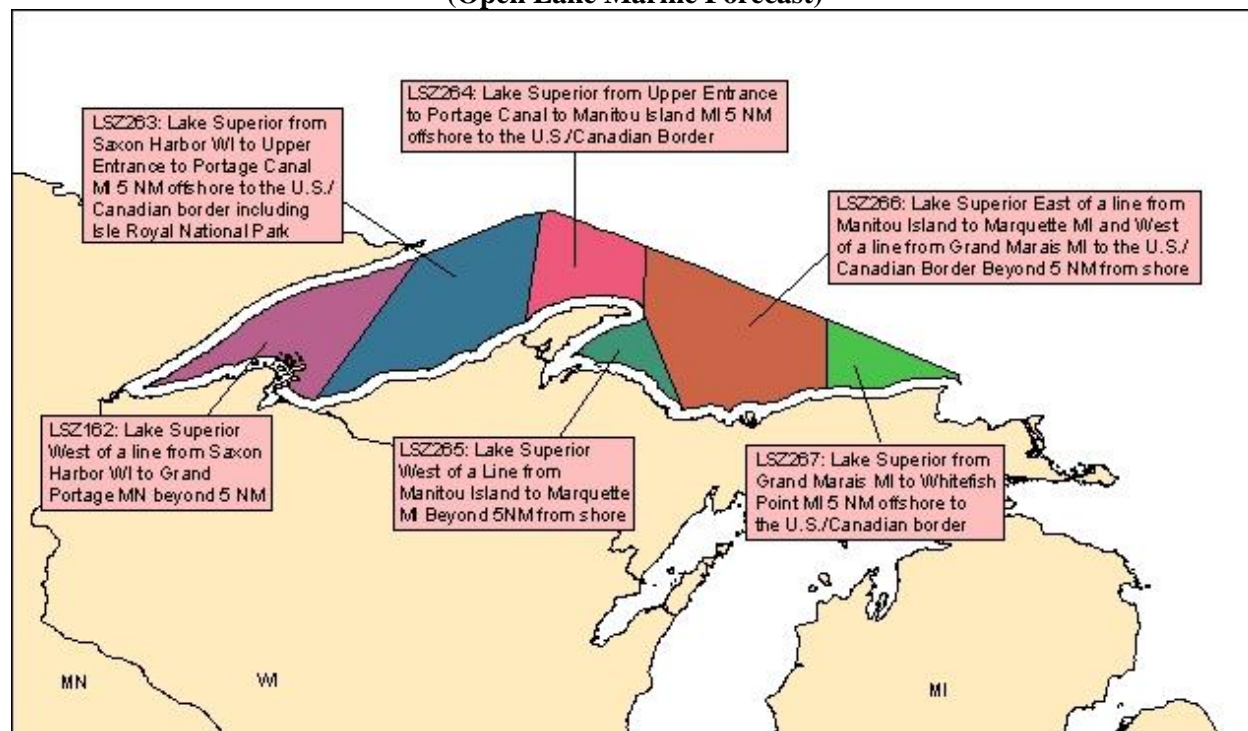
AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior

Lake Superior – WI-MI border to Whitefish Point, MI.

LSZ240	Saxon Harbor, WI to Black River, MI
LSZ241	Black River to Ontonagon, MI
LSZ242	Ontonagon to Upper Entrance of Portage Canal, MI
LSZ243	Upper Entrance of Portage Canal to Eagle River, MI
LSZ244	Eagle River to Manitou Island, MI
LSZ245	Manitou Island to Point Isabelle, MI
LSZ246	Point Isabelle to Lower Entrance of Portage Canal, MI
LSZ247	Lower Entrance of Portage Canal to Huron Islands, MI, including Keweenaw and Huron Bays
LSZ248	Huron Islands to Marquette, MI
LSZ249	Marquette to Munising, MI
LSZ250	Munising to Grand Marais, MI
LSZ251	Grand Marais to Whitefish Point, MI
LMZ221	Green Bay north of a line from Cedar River, MI to Rock Island Passage
LMZ248	Seul Choix Point to Point Detour, MI
LMZ250	5 NM east of a line from Fairport, MI to Rock Island Passage



**MARINE AREAS FOR WFO MARQUETTE, MI  
(Open Lake Marine Forecast)**



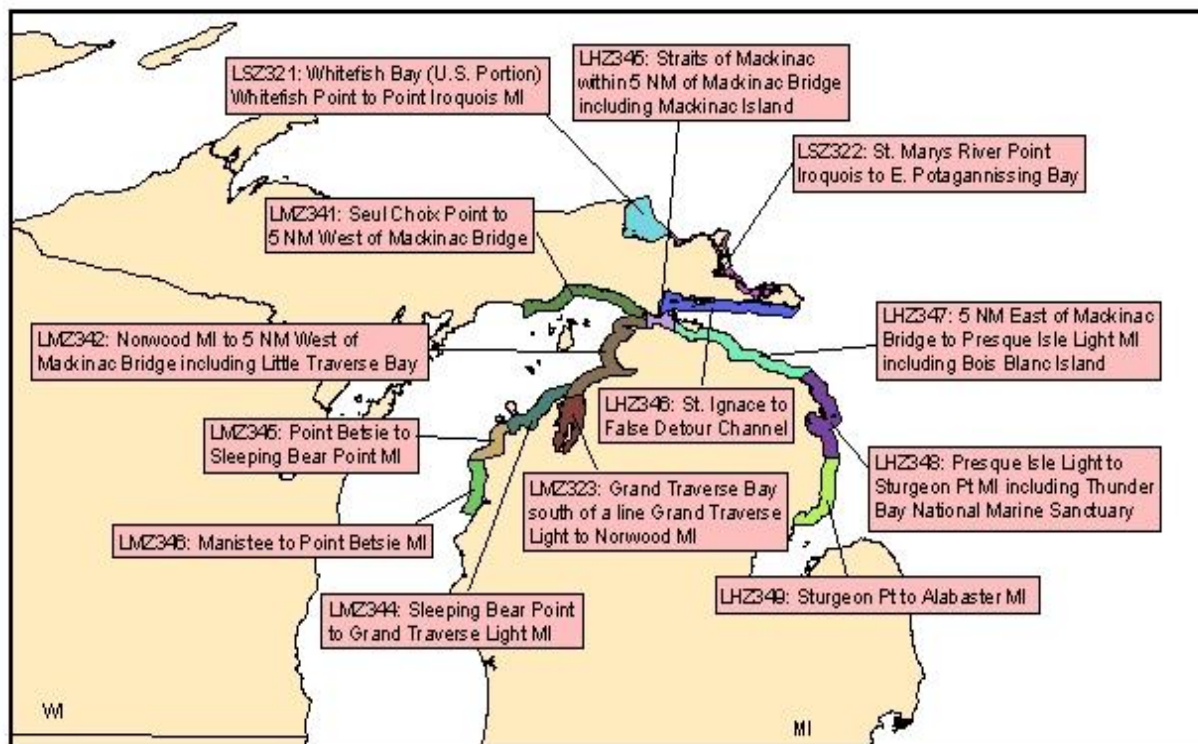
**MARQUETTE, MI (MQT)**

AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior

Lake Superior – WI-MI border to Whitefish Point, MI.

LSZ162	Lake Superior west of a line from Saxon Harbor, WI to Grand Portage, MN, beyond 5 NM
LSZ263	Lake Superior from Saxon Harbor, WI to Upper Entrance to Portage Canal, MI, 5 NM offshore to the U.S./Canadian border, including Isle Royal National Park
LSZ264	Lake Superior from Upper Entrance to Portage Canal to Manitou Island, MI, 5 NM offshore to the U.S./Canadian border
LSZ265	Lake Superior west of a line from Manitou Island to Marquette, MI, beyond 5 NM from shore
LSZ266	Lake Superior east of a line from Manitou Island to Marquette, MI, and west of a line from Grand Marais, MI to the U.S./Canadian border, beyond 5 NM from shore
LSZ267	Lake Superior from Grand Marais, MI to Whitefish Point, MI, 5 NM offshore to the U.S./Canadian border
LSZ261	Lake Superior MAFOR

**MARINE ZONES FOR WFO GAYLORD, MI**  
**(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)**



**GAYLORD, MI (APX)**

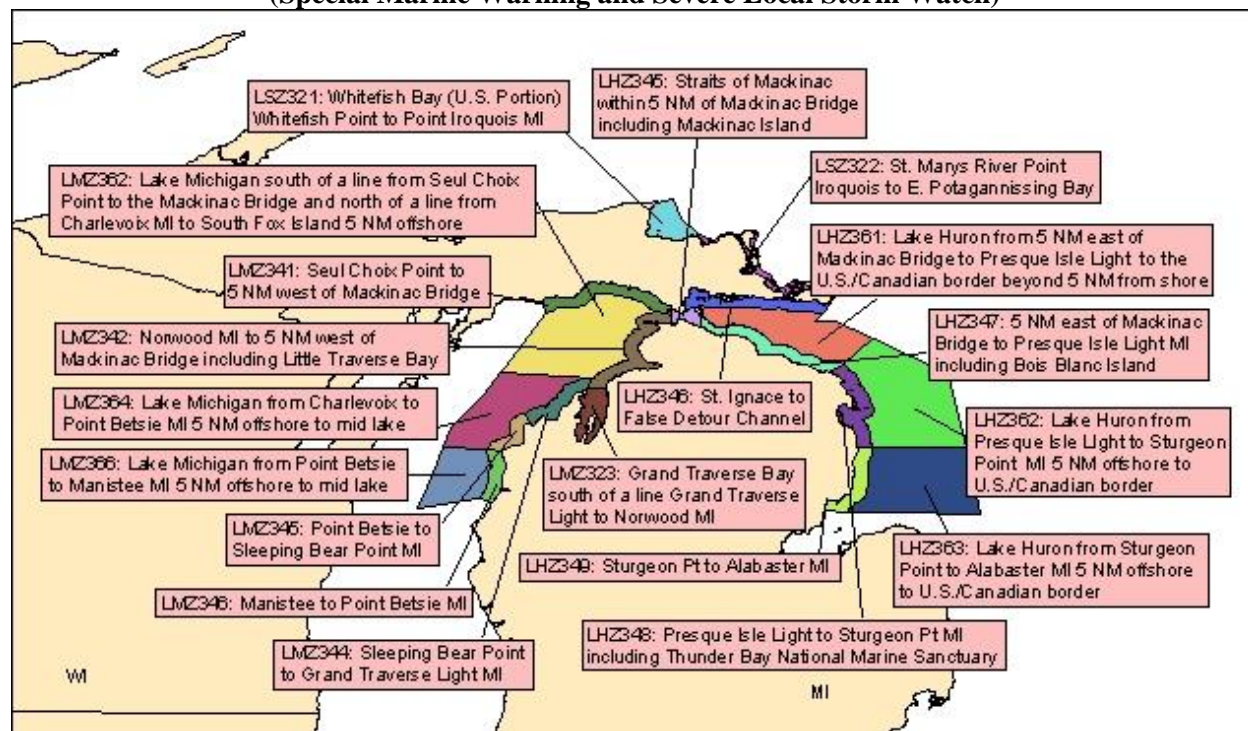
AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior and Lake Michigan

Lake Superior - U.S. Portion Whitefish Bay, St. Mary's River, and Potagannissing Bay.

Lake Michigan - Mackinac Bridge to Schoolcraft/Mackinac county line, and Mackinac Bridge to Manistee/Mason, MI county line. Includes the Thunder Bay National Marine Sanctuary.

LSZ321	Whitefish Bay (U.S. Portion) Whitefish Point to Point Iroquois, MI
LSZ322	St. Marys River Point Iroquois to E. Potagannissing Bay
LMZ341	Seul Choix Point to 5 NM west of Mackinac Bridge
LMZ342	Norwood, MI to 5 NM west of Mackinac Bridge, including Little Traverse Bay
LMZ323	Grand Traverse Bay south of a line Grand Traverse Light to Norwood, MI
LMZ344	Sleeping Bear Point to Grand Traverse Light, MI
LMZ345	Point Betsie to Sleeping Bear Point, MI
LMZ346	Manistee to Point Betsie, MI
LHZ345	Straits of Mackinac within 5 NM of Mackinac Bridge, including Mackinac Island
LHZ346	St. Ignace to False Detour Channel
LHZ347	5 NM east of Mackinac Bridge to Presque Isle Light, MI, including Bois Blanc Island
LHZ348	Presque Isle Light to Sturgeon Point, MI, including Thunder Bay National Marine Sanctuary
LHZ349	Sturgeon Point to Alabaster, MI

**MARINE ZONES FOR WFO GAYLORD, MI**  
**(Special Marine Warning and Severe Local Storm Watch)**



**GAYLORD, MI (APX)**

## AREA OF RESPONSIBILITY BOUNDARIES for Lake Superior and Lake Michigan

Lake Superior - U.S. Portion Whitefish Bay, St. Mary's River, and Potagannissing Bay.

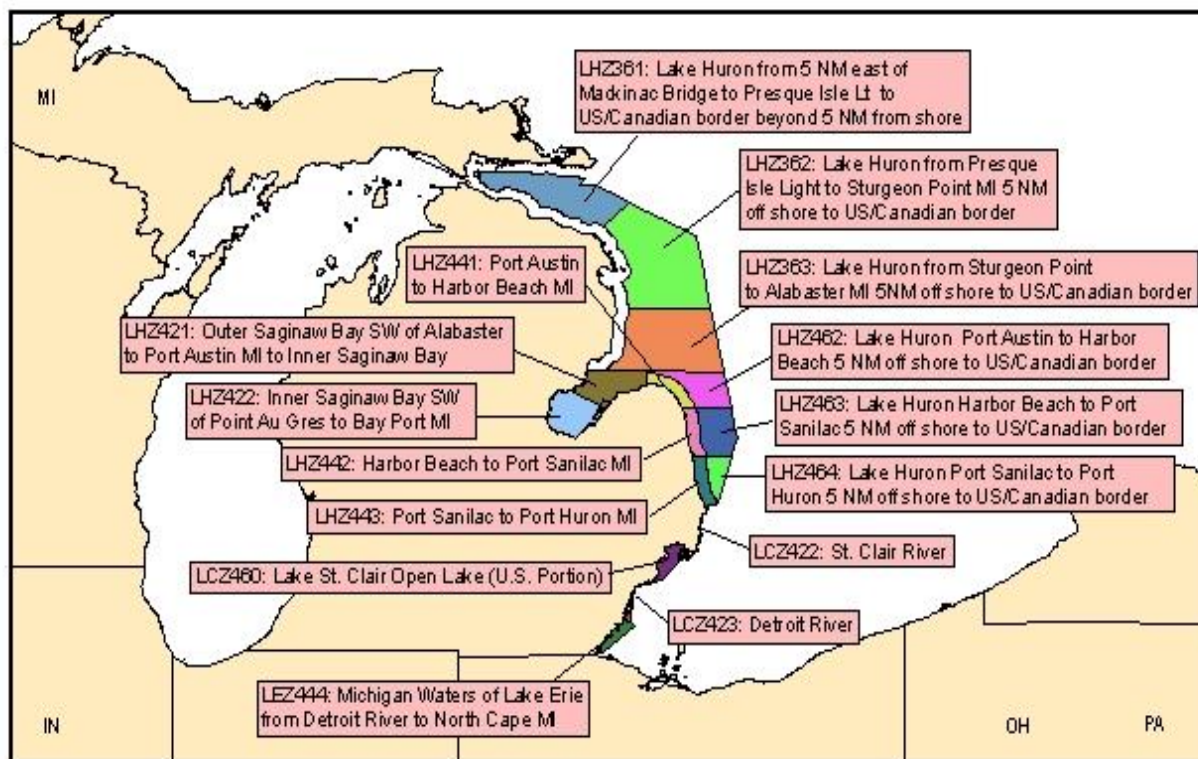
Lake Michigan - Mackinac Bridge to Schoolcraft/Mackinac county line and Mackinac Bridge to Manistee/Mason, MI county line. Includes the Thunder Bay National Marine Sanctuary.

LSZ321	Whitefish Bay (U.S. Portion) Whitefish Point to Point Iroquois, MI
LSZ322	St. Marys River Point Iroquois to E. Potagannissing Bay
LMZ341	Seul Choix Point to 5 NM west of Mackinac Bridge
LMZ342	Norwood MI to 5 NM west of Mackinac Bridge, including Little Traverse Bay
LMZ323	Grand Traverse Bay south of a line Grand Traverse Light to Norwood, MI
LMZ344	Sleeping Bear Point to Grand Traverse Light, MI
LMZ345	Point Betsie to Sleeping Bear Point, MI
LMZ346	Manistee to Point Betsie, MI
LHZ345	Straits of Mackinac within 5 NM of Mackinac Bridge, including Mackinac Island
LHZ346	St. Ignace to False Detour Channel
LHZ347	5 NM east of Mackinac Bridge to Presque Isle Light, MI, including Bois Blanc Island
LHZ348	Presque Isle Light to Sturgeon Point, MI, including Thunder Bay National Marine Sanctuary
LHZ349	Sturgeon Point to Alabaster, MI
LMZ362	Lake Michigan south of a line from Seul Choix Point to the Mackinac Bridge, and north of a line from Charlevoix, MI to South Fox Island, 5 NM offshore
LMZ364	Lake Michigan from Charlevoix to Point Betsie, MI, 5 NM offshore to mid lake
LMZ366	Lake Michigan from Point Betsie to Manistee, MI, 5 NM offshore to mid lake

- LHZ361 Lake Huron from 5 NM east of Mackinac Bridge to Presque Isle Light to the U.S./Canadian border, beyond 5 NM from shore
- LHZ362 Lake Huron from Presque Isle Light to Sturgeon Point, MI, 5 NM offshore to the U.S./Canadian border
- LHZ363 Lake Huron from Sturgeon Point to Alabaster, MI, 5 NM offshore to the U.S./Canadian border



**MARINE ZONES FOR WFO DETROIT, MI**  
**(Hazardous Weather Outlook and Marine Weather Message)**



**DETROIT, MI (DTX)**

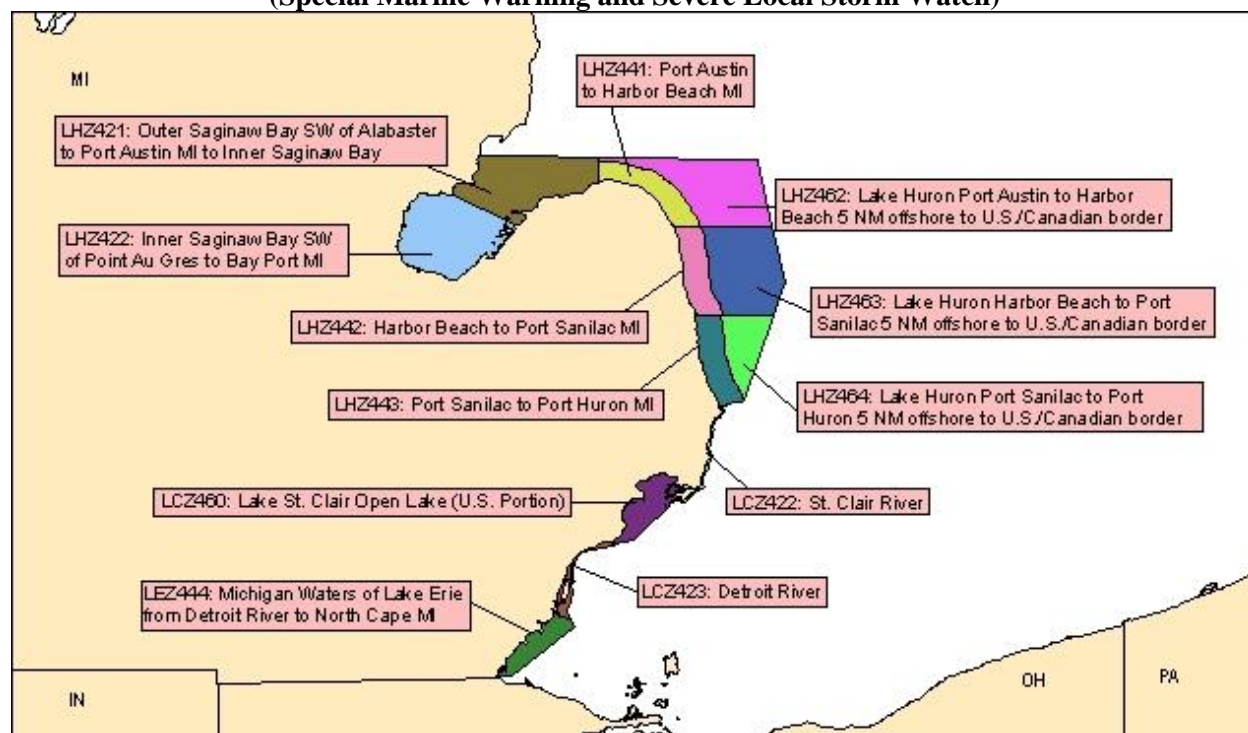
AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River

Lake Huron - Iosco/Arenac, MI county line to Port Huron.

LHZ421	Outer Saginaw Bay SW of Alabaster to Port Austin, MI to Inner Saginaw Bay
LHZ422	Inner Saginaw Bay SW of Point Au Gres to Bay Port, MI
LHZ441	Port Austin to Harbor Beach, MI
LHZ442	Harbor Beach to Port Sanilac, MI
LHZ443	Port Sanilac to Port Huron, MI
LCZ422	St. Clair River
LCZ423	Detroit River
LCZ460	Lake St. Clair Open Lake (U.S. Portion)
LEZ444	Michigan waters of Lake Erie from Detroit River to North Cape, MI
LHZ361	Lake Huron from 5 NM east of Mackinac Bridge to Presque Isle Light, MI to the U.S./Canadian border 5 NM offshore
LHZ362	Lake Huron from Presque Isle Light to Sturgeon Point, MI, 5 NM offshore to the U.S./Canadian border
LHZ363	Lake Huron from Sturgeon Point to Alabaster, MI, 5 NM offshore to the U.S./Canadian border
LHZ462	Lake Huron Port Austin to Harbor Beach, MI, 5 NM offshore to U.S./Canadian border
LHZ463	Lake Huron Harbor Beach to Port Sanilac, MI, 5 NM offshore to U.S./Canadian border
LHZ464	Lake Huron Port Sanilac to Port Huron, 5 NM offshore to U.S./Canadian border



**MARINE ZONES FOR WFO DETROIT, MI**  
**(Special Marine Warning and Severe Local Storm Watch)**



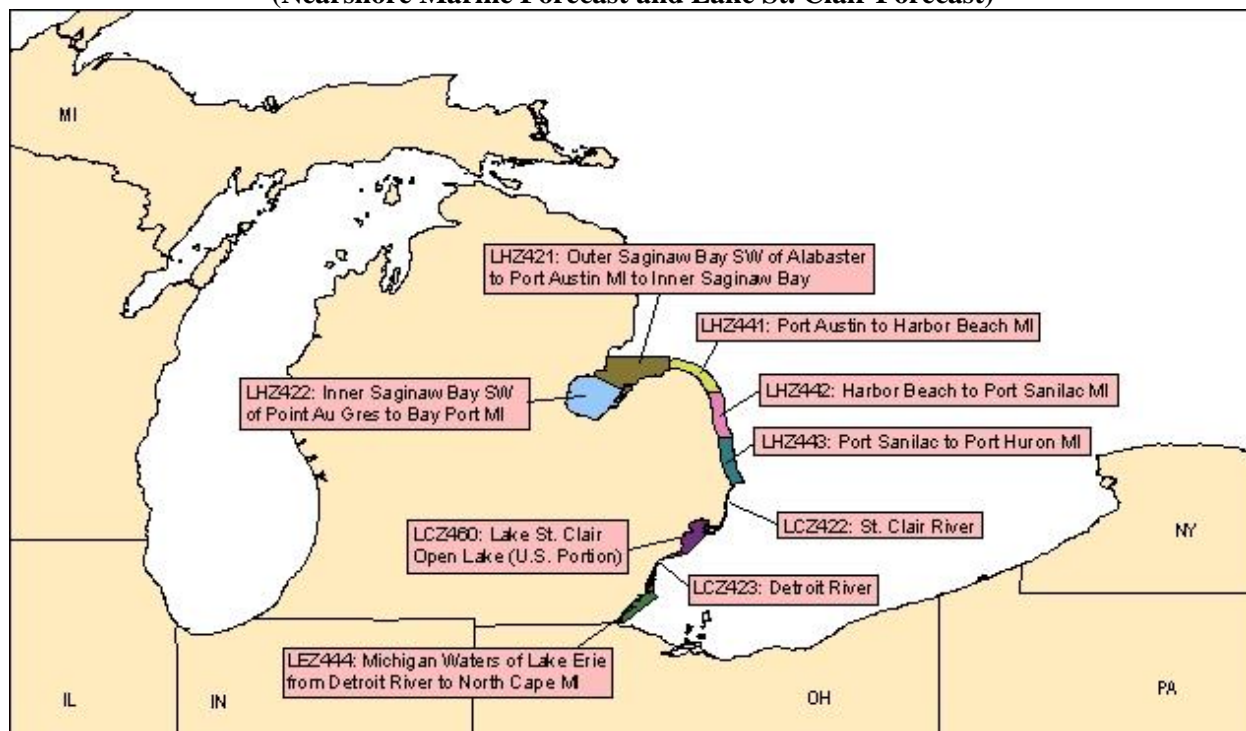
**DETROIT, MI (DTX)**

AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River

Lake Huron - Iosco/Arenac, MI county line to Port Huron.

LHZ421	Outer Saginaw Bay SW of Alabaster to Port Austin, MI to Inner Saginaw Bay
LHZ422	Inner Saginaw Bay SW of Point Au Gres to Bay Port, MI
LHZ441	Port Austin to Harbor Beach, MI
LHZ442	Harbor Beach to Port Sanilac, MI
LHZ443	Port Sanilac to Port Huron, MI
LCZ422	St. Clair River
LCZ423	Detroit River
LCZ460	Lake St. Clair Open Lake (U.S. Portion)
LEZ444	Michigan waters of Lake Erie from Detroit River to North Cape, MI
LHZ462	Lake Huron from Port Austin to Harbor Beach, MI, 5 NM offshore to U.S./Canadian border
LHZ463	Lake Huron from Harbor Beach to Port Sanilac, MI, 5 NM offshore to U.S./Canadian border
LHZ464	Lake Huron from Port Sanilac to Port Huron, 5 NM offshore to U.S./Canadian border

**MARINE ZONES FOR WFO DETROIT, MI**  
(Nearshore Marine Forecast and Lake St. Clair Forecast)

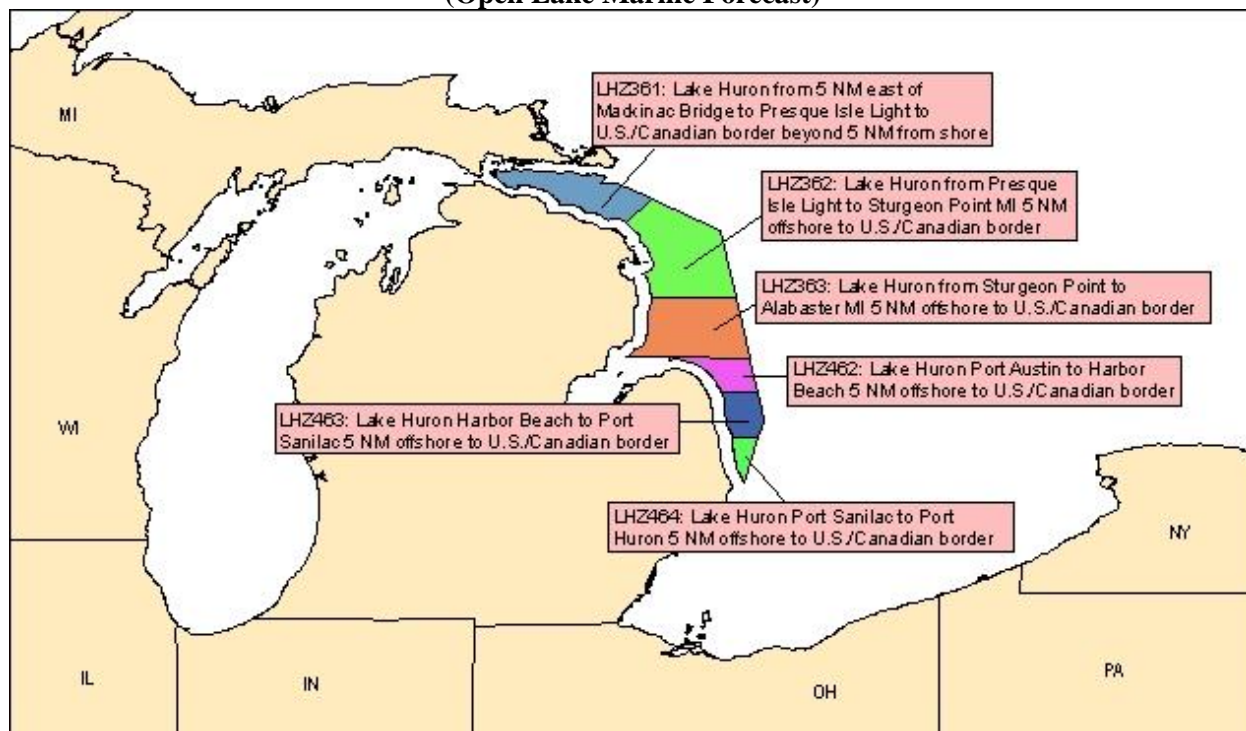


**DETROIT, MI (DTX)**

AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River  
Lake Huron - Iosco/Arenac, MI county line to Port Huron.

LHZ421	Outer Saginaw Bay SW of Alabaster to Port Austin, MI to Inner Saginaw Bay
LHZ422	Inner Saginaw Bay SW of Point Au Gres to Bay Port, MI
LHZ441	Port Austin to Harbor Beach, MI
LHZ442	Harbor Beach to Port Sanilac, MI
LHZ443	Port Sanilac to Port Huron, MI
LCZ422	St. Clair River
LCZ423	Detroit River
LCZ460	Lake St. Clair Open Lake (U.S. Portion)
LEZ444	Michigan waters of Lake Erie from Detroit River to North Cape, MI

### MARINE ZONES FOR WFO DETROIT, MI (Open Lake Marine Forecast)



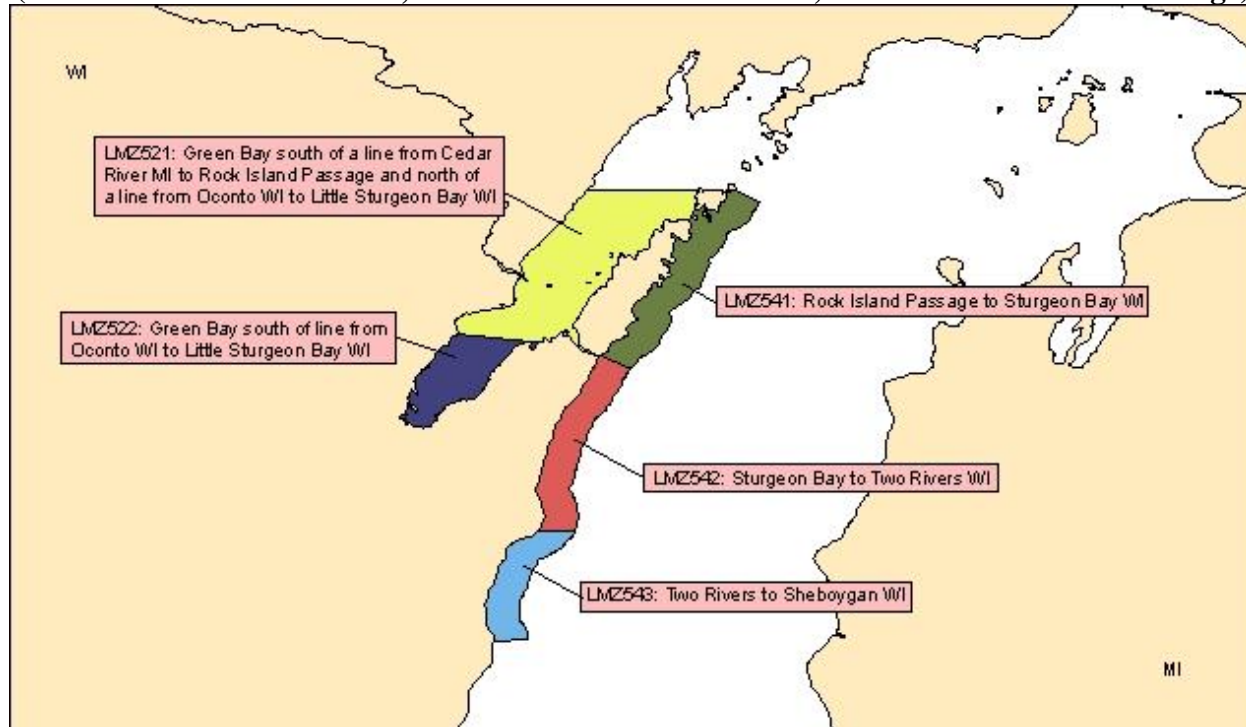
**DETROIT, MI (DTX)**

#### AREA OF RESPONSIBILITY BOUNDARIES for Lake Huron to St. Clair River

Lake Huron - Iosco/Arenac, MI county line to Port Huron.

LHZ361	Lake Huron from 5 NM east of Mackinac Bridge to Presque Isle Light, MI to the U.S./Canadian border, 5 NM offshore
LHZ362	Lake Huron from Presque Isle Light to Sturgeon Point, MI, 5 NM offshore to the U.S./Canadian border
LHZ363	Lake Huron from Sturgeon Point to Alabaster, MI, 5 NM offshore to the U.S./Canadian border
LHZ462	Lake Huron Port Austin to Harbor Beach, MI, 5 NM offshore to U.S./Canadian border
LHZ463	Lake Huron Harbor Beach to Port Sanilac, MI, 5 NM offshore to U.S./Canadian border
LHZ464	Lake Huron Port Sanilac to Port Huron, 5 NM offshore to U.S./Canadian border
LHZ461	Lake Huron MAFOR

**MARINE ZONES FOR WFO GREEN BAY, WI**  
**(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)**



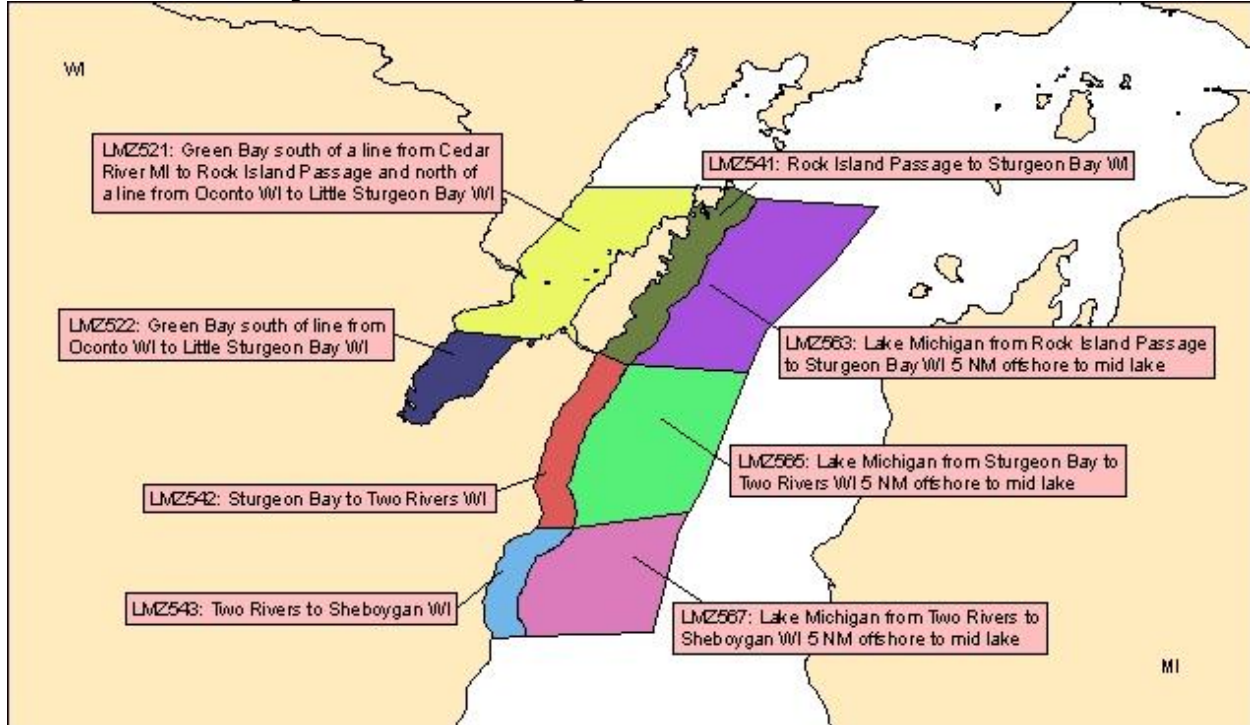
**GREEN BAY, WI (GRB)**

**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Michigan - Rock Island Passage to Manitowoc/Sheboygan, WI county line, including southern three-quarters of Bay of Green Bay.

LMZ521	Green Bay south of line from Cedar River, MI to Rock Island Passage, and north of a line from Oconto, WI to Little Sturgeon Bay, WI
LMZ522	Green Bay south of a line from Oconto, WI to Little Sturgeon Bay, WI
LMZ541	Rock Island Passage to Sturgeon Bay, WI
LMZ542	Sturgeon Bay to Two Rivers, WI
LMZ543	Two Rivers to Sheboygan, WI

**MARINE ZONES FOR WFO GREEN BAY, WI**  
**(Special Marine Warning and Severe Local Storm Watch)**



**GREEN BAY, WI (GRB)**

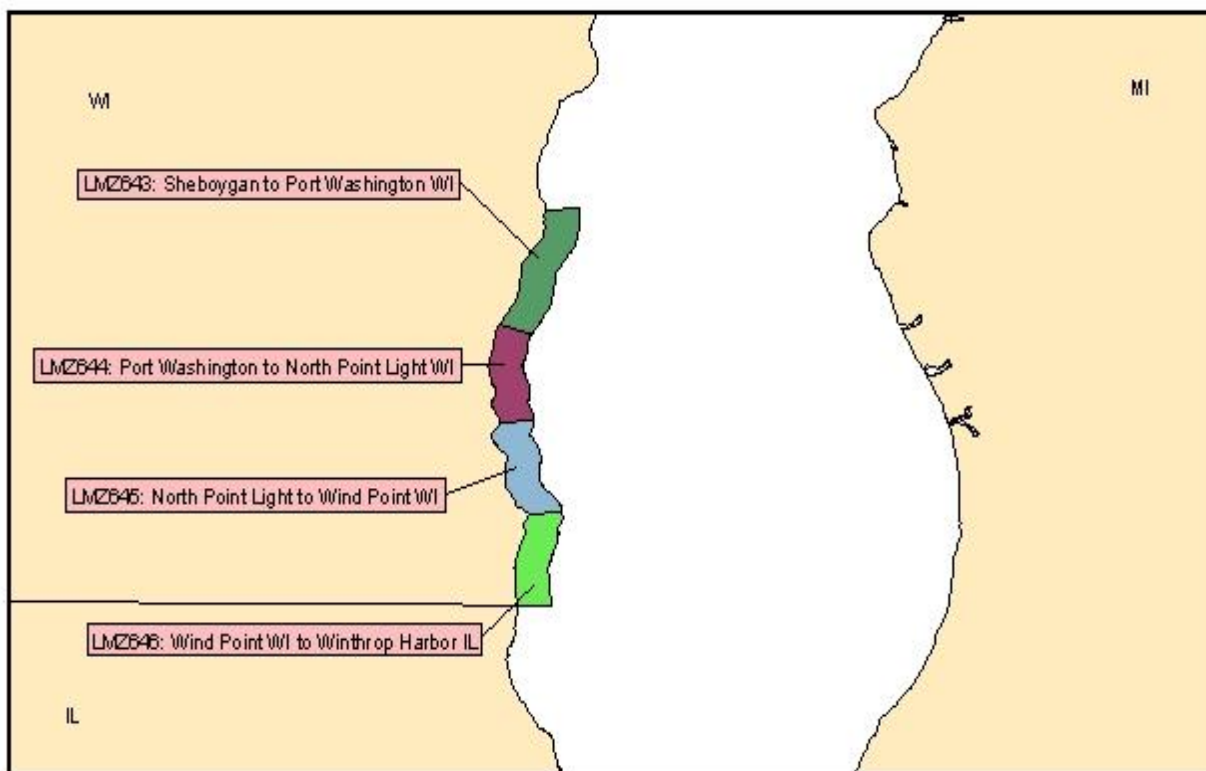
**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Michigan - Rock Island Passage to Manitowoc/Sheboygan, WI county line, including southern three-quarters of Bay of Green Bay.

LMZ521	Green Bay south of line from Cedar River, MI to Rock Island Passage, and north of a line from Oconto, WI to Little Sturgeon Bay, WI
LMZ522	Green Bay south of a line from Oconto, WI to Little Sturgeon Bay, WI
LMZ541	Rock Island Passage to Sturgeon Bay, WI
LMZ542	Sturgeon Bay to Two Rivers, WI
LMZ543	Two Rivers to Sheboygan, WI
LMZ563	Lake Michigan from Rock Island Passage to Sturgeon Bay, WI, 5 NM offshore to mid lake
LMZ565	Lake Michigan from Sturgeon Bay to Two Rivers, WI, 5 NM offshore to mid lake
LMZ567	Lake Michigan from Two Rivers to Sheboygan, WI, 5 NM offshore to mid lake



**MARINE ZONES FOR WFO MILWAUKEE - SULLIVAN, WI**  
**(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)**



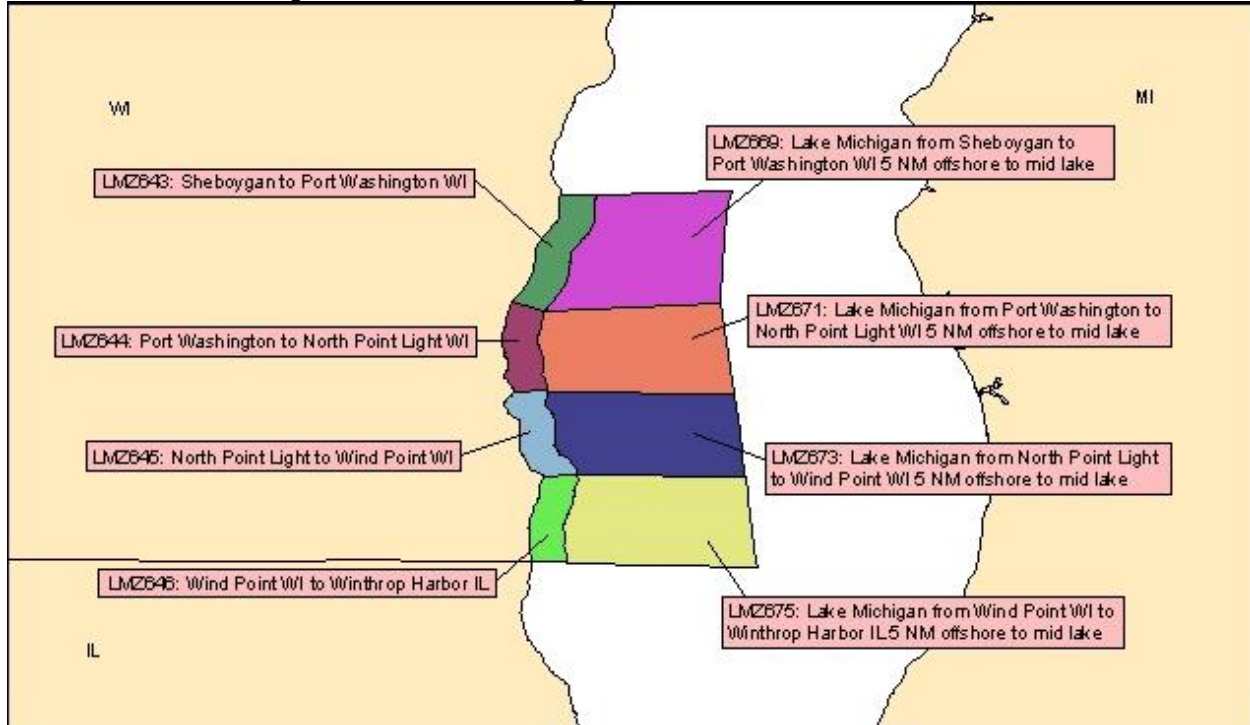
**MILWAUKEE - SULLIVAN, WI (MKX)**

**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Michigan - Manitowoc/Sheboygan, WI county line to IL/WI border.

LMZ643	Sheboygan to Port Washington, WI
LMZ644	Port Washington to North Point Light, WI
LMZ645	North Point Light to Wind Point, WI
LMZ646	Wind Point, WI to Winthrop Harbor, IL

**MARINE ZONES FOR WFO MILWAUKEE - SULLIVAN, WI**  
**(Special Marine Warning and Severe Local Storm Watch)**



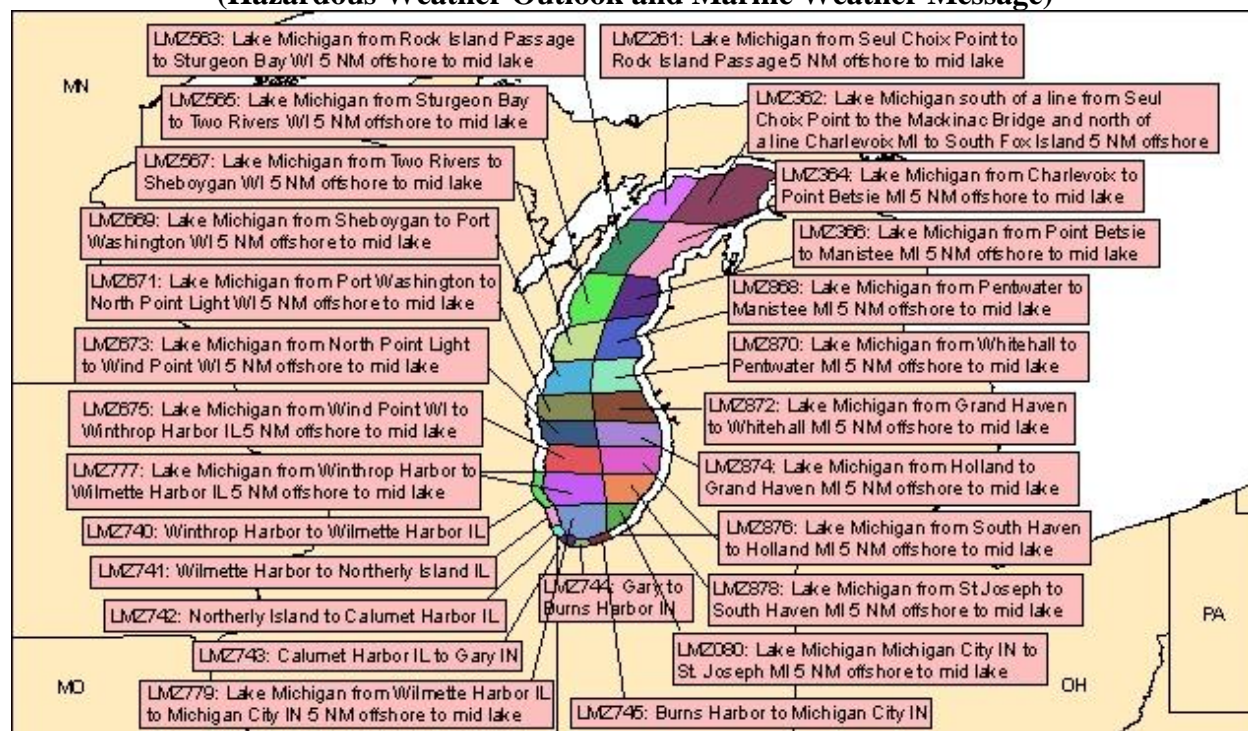
**MILWAUKEE - SULLIVAN, WI (MKX)**

**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Michigan - Manitowoc/Sheboygan, WI county line to IL/WI border.

LMZ643	Sheboygan to Port Washington, WI
LMZ644	Port Washington to North Point Light, WI
LMZ645	North Point Light to Wind Point, WI
LMZ646	Wind Point, WI to Winthrop Harbor, IL
LMZ669	Lake Michigan from Sheboygan to Port Washington, WI, 5 NM offshore to mid lake
LMZ671	Lake Michigan from Port Washington to North Point Light, WI, 5 NM offshore to mid lake
LMZ673	Lake Michigan from North Point Light to Wind Point, WI, 5 NM offshore to mid lake
LMZ675	Lake Michigan from Wind Point, WI to Winthrop Harbor, IL, 5 NM offshore to mid lake

**MARINE ZONES FOR WFO CHICAGO, IL**  
**(Hazardous Weather Outlook and Marine Weather Message)**



**CHICAGO, IL (LOT)**

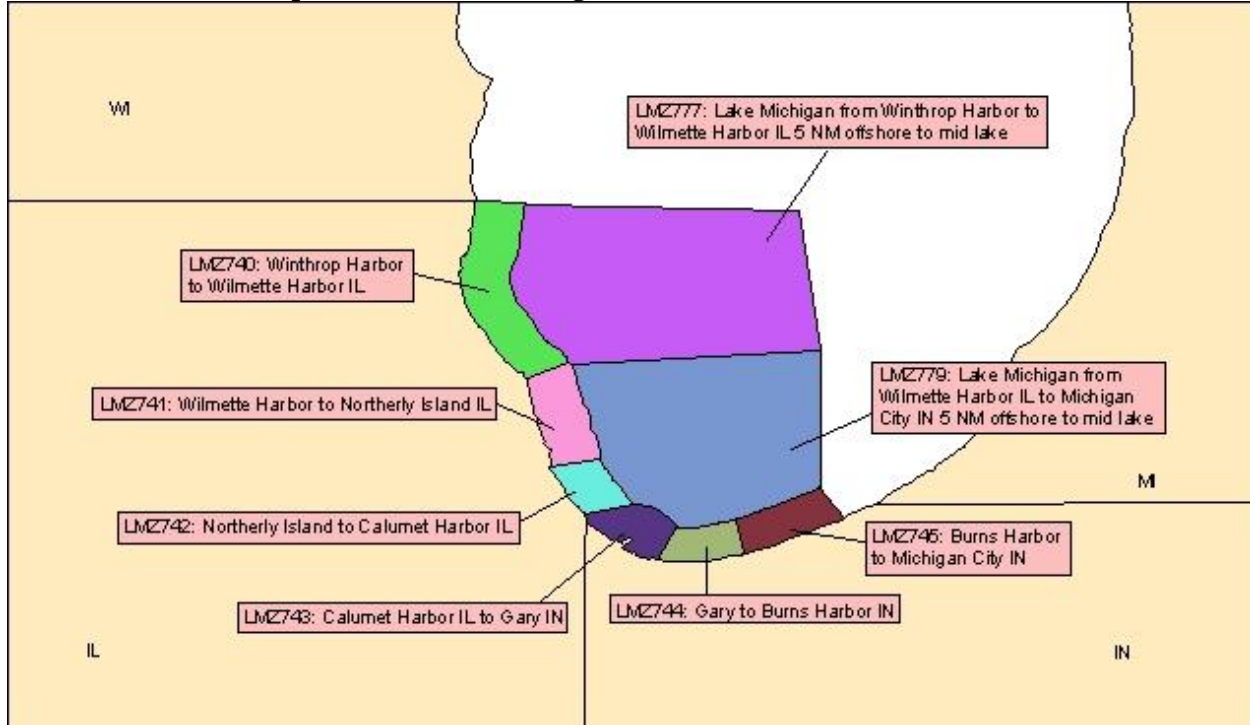
AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan - IL/WI border to Michigan City, IN.

LMZ740	Winthrop Harbor to Wilmette Harbor, IL
LMZ741	Wilmette Harbor to Northerly Island, IL
LMZ742	Northerly Island to Calumet Harbor IL
LMZ743	Calumet Harbor, IL to Gary, IN
LMZ744	Gary to Burns Harbor, IN
LMZ745	Burns Harbor to Michigan City, IN
LMZ261	Lake Michigan from Seul Choix Point to Rock Island Passage, 5 NM offshore to mid lake
LMZ362	Lake Michigan south of a line from Seul Choix Point to the Mackinac Bridge, and north of a line from Charlevoix, MI to South Fox Island, 5 NM offshore
LMZ364	Lake Michigan from Charlevoix to Point Betsie, MI, 5 NM offshore to mid lake
LMZ366	Lake Michigan from Point Betsie to Manistee, MI, 5 NM offshore to mid lake
LMZ563	Lake Michigan from Rock Island Passage to Sturgeon Bay, WI, 5 NM offshore to mid lake
LMZ565	Lake Michigan from Sturgeon Bay to Two Rivers, WI, 5 NM offshore to mid lake
LMZ567	Lake Michigan from Two Rivers to Sheboygan, WI, 5 NM offshore to mid lake
LMZ669	Lake Michigan from Sheboygan to Port Washington, WI, 5 NM offshore to mid lake
LMZ671	Lake Michigan from Port Washington to North Point Light, WI, 5 NM offshore to mid lake
LMZ673	Lake Michigan from North Point Light to Wind Point, WI, 5 NM offshore to mid lake
LMZ675	Lake Michigan from Wind Point, WI to Winthrop Harbor, IL, 5 NM offshore to mid lake

LMZ777	Lake Michigan from Winthrop Harbor to Wilmette Harbor, IL, 5 NM offshore to mid lake
LMZ779	Lake Michigan from Wilmette Harbor, IL to Michigan City, IN, 5 NM offshore to mid lake
LMZ080	Lake Michigan from Michigan City, IN to St. Joseph, MI, 5 NM offshore to mid lake
LMZ878	Lake Michigan from St. Joseph to South Haven, MI, 5 NM offshore to mid lake
LMZ876	Lake Michigan from South Haven to Holland, MI, 5 NM offshore to mid lake
LMZ874	Lake Michigan from Holland to Grand Haven, MI, 5 NM offshore to mid lake
LMZ872	Lake Michigan from Grand Haven to Whitehall, MI, 5 NM offshore to mid lake
LMZ870	Lake Michigan from Whitehall to Pentwater, MI, 5 NM offshore to mid lake
LMZ868	Lake Michigan from Pentwater to Manistee, MI, 5 NM offshore to mid lake

**MARINE ZONES FOR WFO CHICAGO, IL**  
(Special Marine Warning and Severe Local Storm Watch)



**CHICAGO, IL (LOT)**

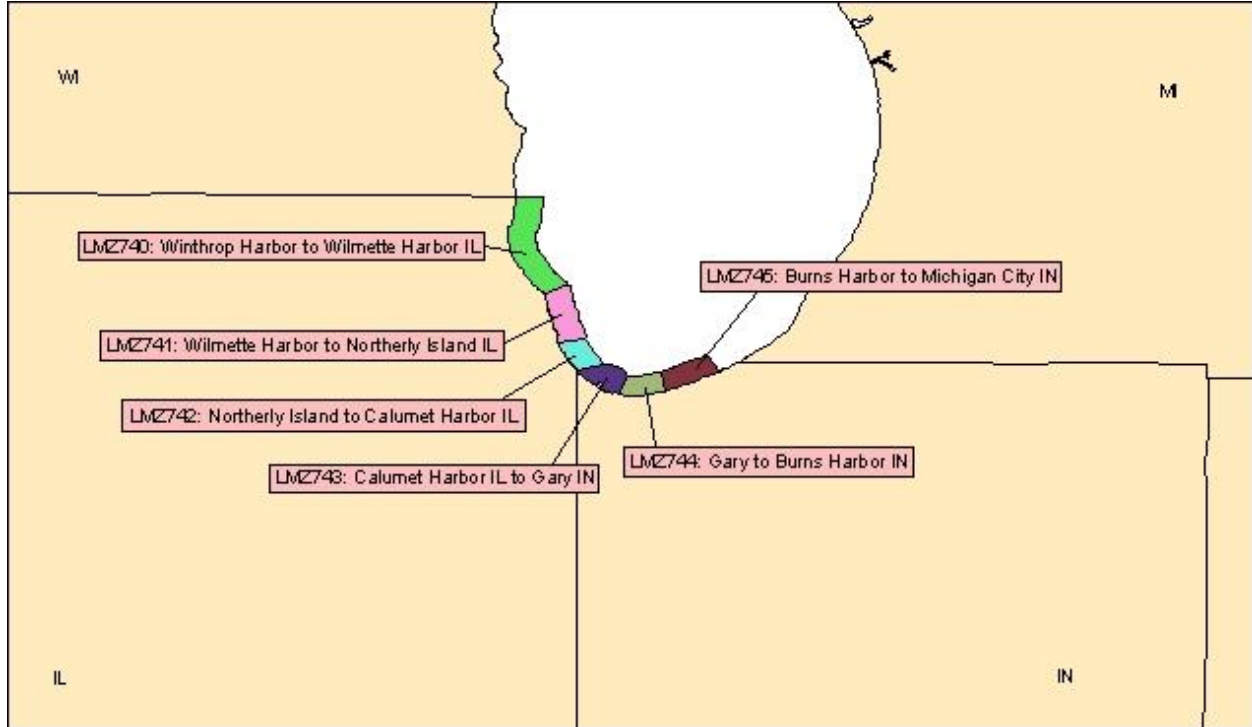
AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan - IL/WI border to Michigan City, IN.

LMZ740	Winthrop Harbor to Wilmette Harbor, IL
LMZ741	Wilmette Harbor to Northerly Island, IL
LMZ742	Northerly Island to Calumet Harbor, IL
LMZ743	Calumet Harbor, IL to Gary, IN
LMZ744	Gary to Burns Harbor, IN
LMZ745	Burns Harbor to Michigan City, IN
LMZ777	Lake Michigan from Winthrop Harbor to Wilmette Harbor, IL, 5 NM offshore to mid lake
LMZ779	Lake Michigan from Wilmette Harbor, IL to Michigan City, IN, 5 NM offshore to mid lake



**MARINE ZONES FOR WFO CHICAGO, IL**  
(Nearshore Marine Forecast)



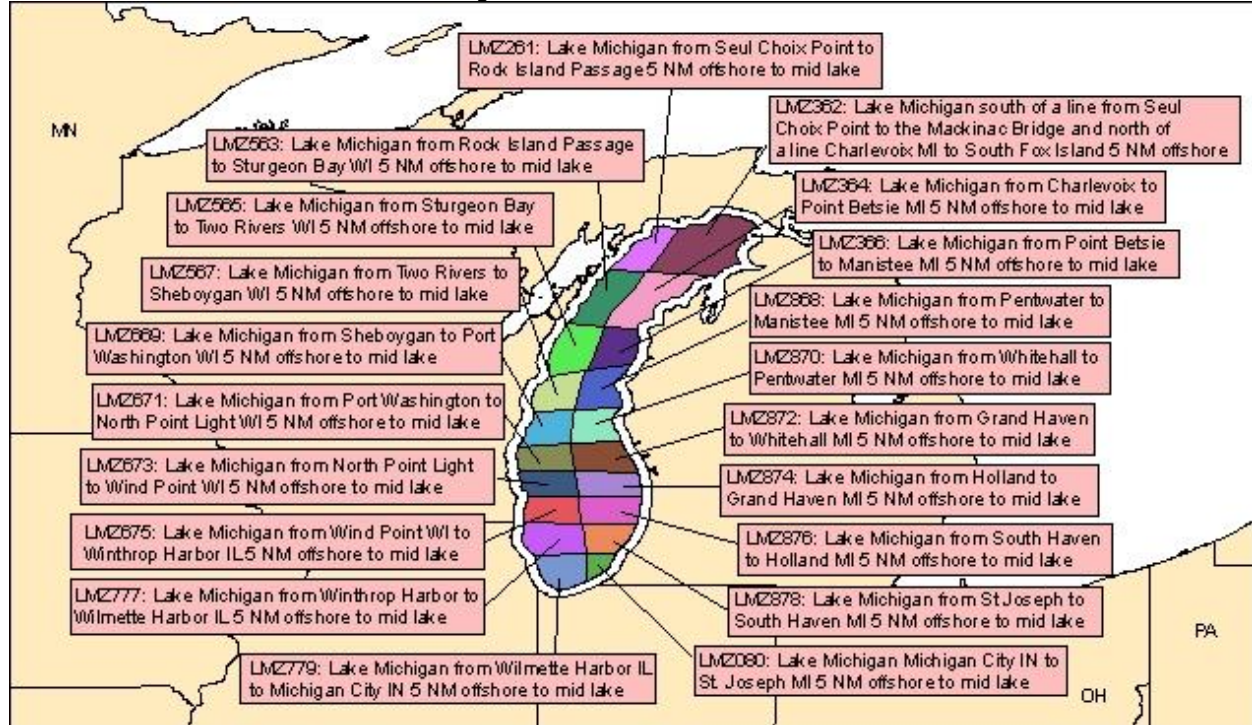
**CHICAGO, IL (LOT)**

AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan - IL/WI border to Michigan City, IN.

LMZ740	Winthrop Harbor to Wilmette Harbor, IL
LMZ741	Wilmette Harbor to Northerly Island, IL
LMZ742	Northerly Island to Calumet Harbor, IL
LMZ743	Calumet Harbor, IL to Gary, IN
LMZ744	Gary to Burns Harbor, IN
LMZ745	Burns Harbor to Michigan City, IN

# **MARINE ZONES FOR WFO CHICAGO, IL** (Open Lake Marine Forecast)



**CHICAGO, IL (LOT)**

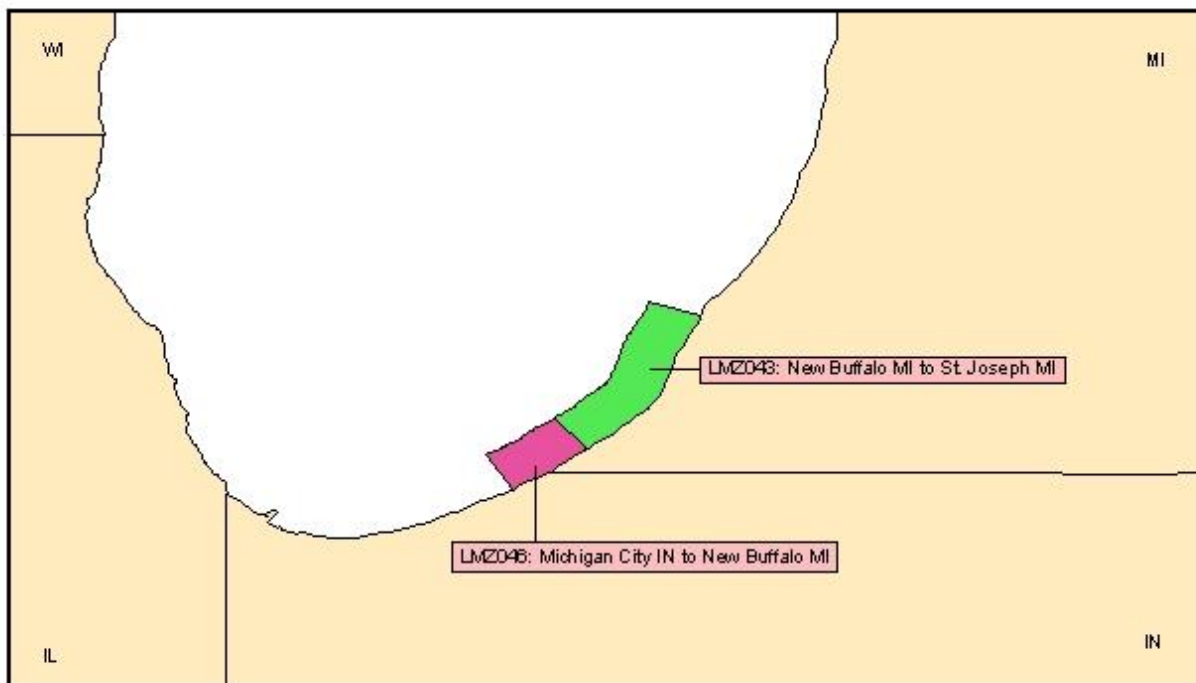
## AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan - IL/WI border to Michigan City, IN.

LMZ261	Lake Michigan from Seul Choix Point to Rock Island Passage, 5 NM offshore to mid lake
LMZ362	Lake Michigan south of a line from Seul Choix Point to the Mackinac Bridge, and north of a line from Charlevoix, MI to South Fox Island, 5 NM offshore
LMZ364	Lake Michigan from Charlevoix to Point Betsie, MI, 5 NM offshore to mid lake
LMZ366	Lake Michigan from Point Betsie to Manistee, MI, 5 NM offshore to mid lake
LMZ563	Lake Michigan from Rock Island Passage to Sturgeon Bay, WI, 5 NM offshore to mid lake
LMZ565	Lake Michigan from Sturgeon Bay to Two Rivers, WI, 5 NM offshore to mid lake
LMZ567	Lake Michigan from Two Rivers to Sheboygan, WI, 5 NM offshore to mid lake
LMZ669	Lake Michigan from Sheboygan to Port Washington, WI, 5 NM offshore to mid lake
LMZ671	Lake Michigan from Port Washington to North Point Light, WI, 5 NM offshore to mid lake
LMZ673	Lake Michigan from North Point Light to Wind Point, WI, 5 NM offshore to mid lake
LMZ675	Lake Michigan from Wind Point, WI to Winthrop Harbor, IL, 5 NM offshore to mid lake
LMZ777	Lake Michigan from Winthrop Harbor to Wilmette Harbor, IL, 5 NM offshore to mid lake
LMZ779	Lake Michigan from Wilmette Harbor, IL to Michigan City, IN, 5 NM offshore to mid lake
LMZ080	Lake Michigan from Michigan City, IN to St. Joseph, MI, 5 NM offshore to mid lake
LMZ878	Lake Michigan from St. Joseph to South Haven, MI, 5 NM offshore to mid lake
LMZ876	Lake Michigan from South Haven to Holland, MI, 5 NM offshore to mid lake

LMZ874	Lake Michigan from Holland to Grand Haven, MI, 5 NM offshore to mid lake
LMZ872	Lake Michigan from Grand Haven to Whitehall, MI, 5 NM offshore to mid lake
LMZ870	Lake Michigan from Whitehall to Pentwater, MI, 5 NM offshore to mid lake
LMZ868	Lake Michigan from Pentwater to Manistee, MI, 5 NM offshore to mid lake
LMZ761	Lake Michigan MAFOR

**MARINE ZONES FOR WFO NORTHERN INDIANA, IN**  
**(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)**



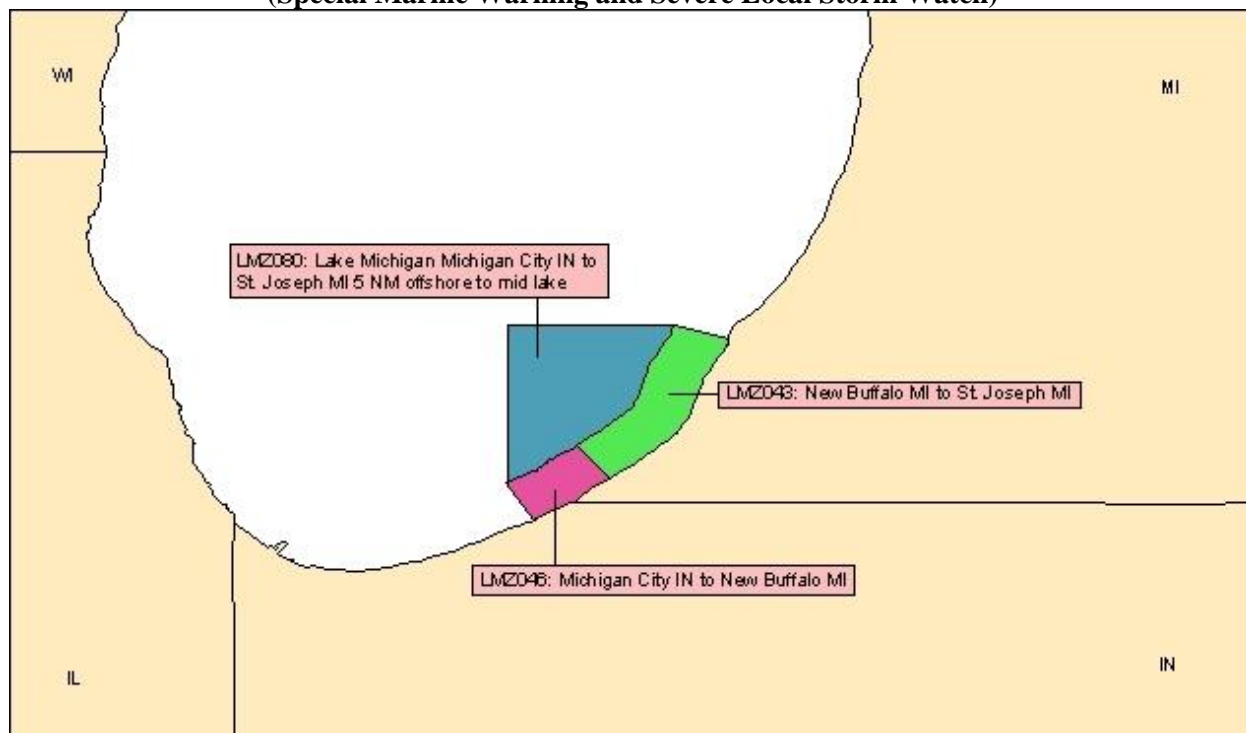
**NORTHERN INDIANA, IN (IWX)**

AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan – Michigan City, IN to St Joseph, MI.

LMZ046	Michigan City, IN to New Buffalo, MI
LMZ043	New Buffalo, MI to St. Joseph, MI

**MARINE ZONES FOR WFO NORTHERN INDIANA, IN  
(Special Marine Warning and Severe Local Storm Watch)**



**NORTHERN INDIANA, IN (IWX)**

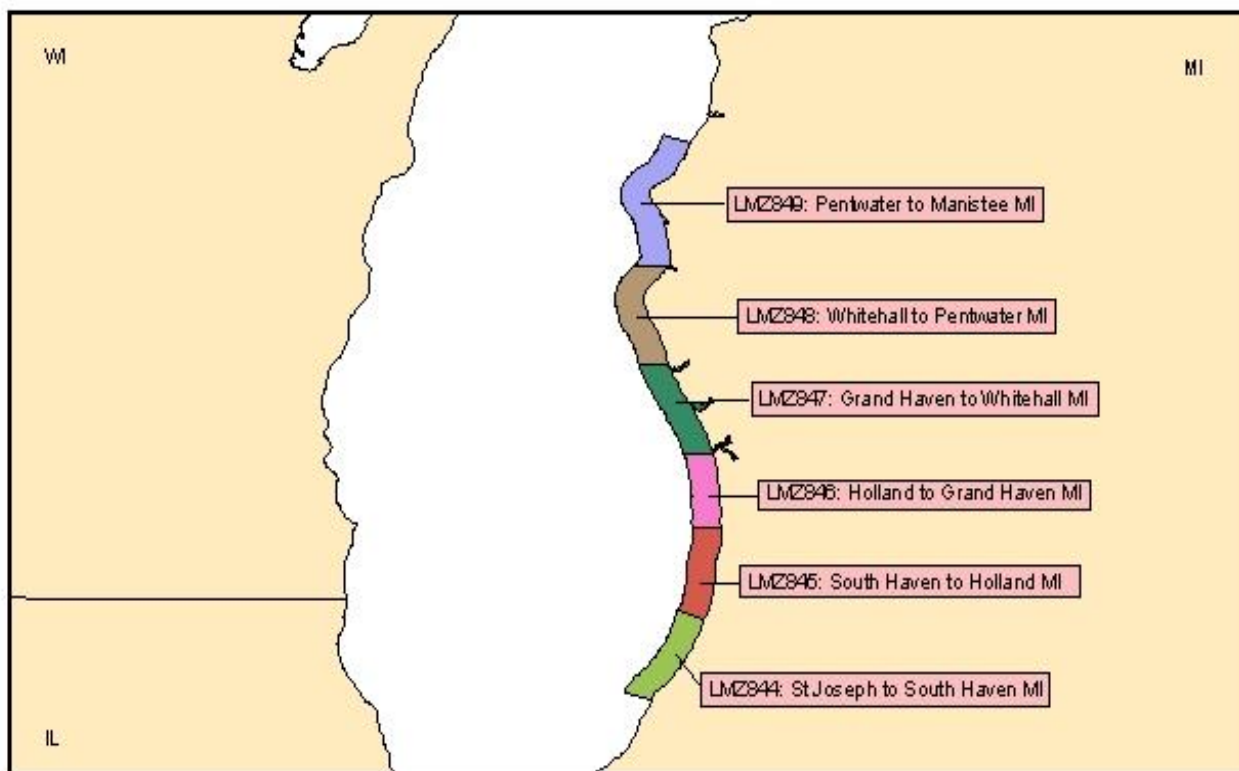
AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan – Michigan City, IN to St. Joseph, MI.

LMZ046	Michigan City, IN to New Buffalo, MI
LMZ043	New Buffalo, MI to St. Joseph, MI
LMZ080	Lake Michigan from Michigan City, IN to St. Joseph, MI, to 5 NM offshore to mid lake



**MARINE ZONES FOR WFO GRAND RAPIDS, MI**  
**(Nearshore Marine Forecast, Hazardous Weather Outlook, and Marine Weather Message)**



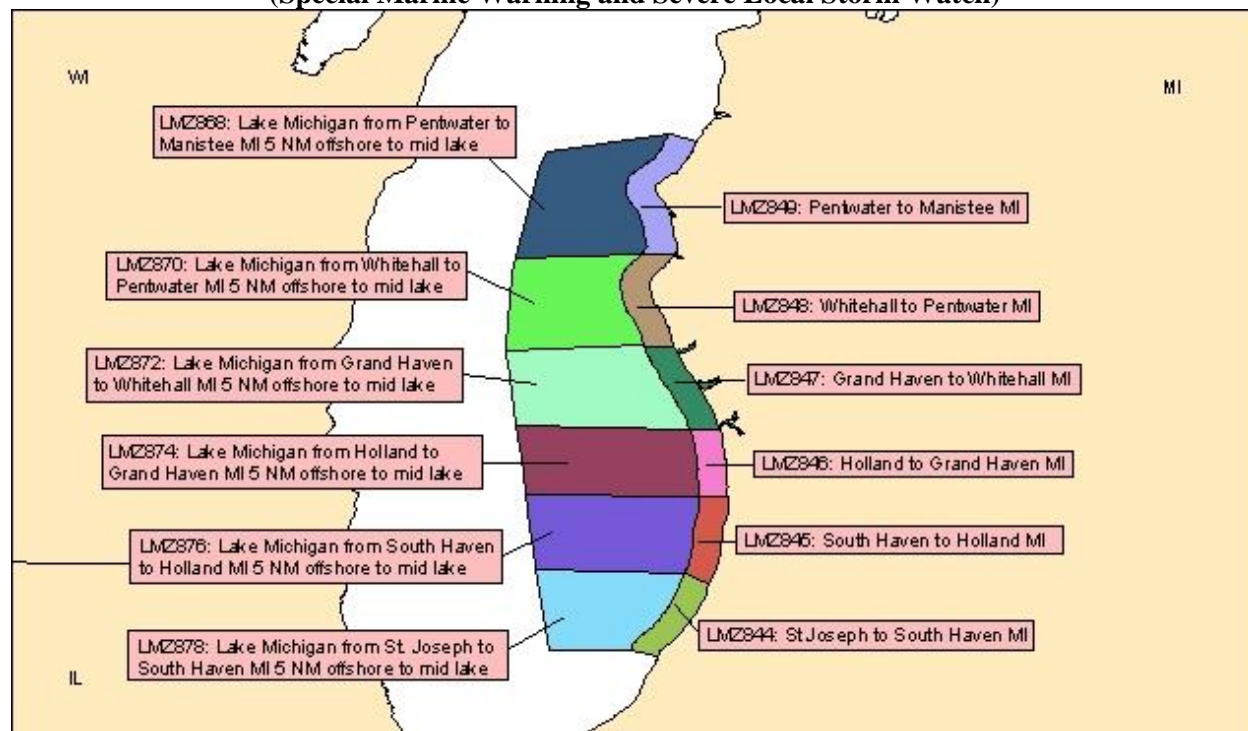
**GRAND RAPIDS, MI (GRR)**

**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Michigan - St. Joseph, MI to Manistee/Mason, MI county line.

LMZ844	St Joseph to South Haven, MI
LMZ845	South Haven to Holland, MI
LMZ846	Holland to Grand Haven, MI
LMZ847	Grand Haven to Whitehall, MI
LMZ848	Whitehall to Pentwater, MI
LMZ849	Pentwater to Manistee, MI

**MARINE ZONES FOR WFO GRAND RAPIDS, MI**  
(Special Marine Warning and Severe Local Storm Watch)



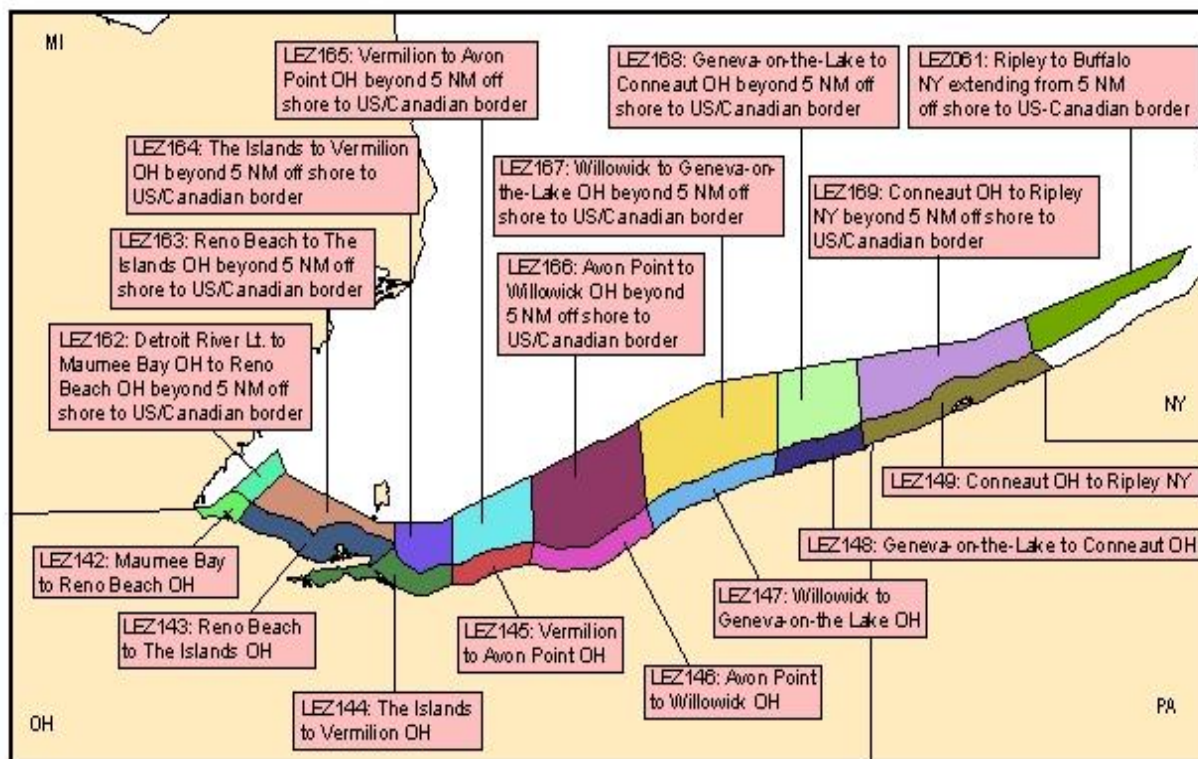
**GRAND RAPIDS, MI (GRR)**

AREA OF RESPONSIBILITY BOUNDARIES

Lake Michigan - St. Joseph, MI to Manistee/Mason, MI county line.

LMZ844	St Joseph to South Haven, MI
LMZ845	South Haven to Holland, MI
LMZ846	Holland to Grand Haven, MI
LMZ847	Grand Haven to Whitehall, MI
LMZ848	Whitehall to Pentwater, MI
LMZ849	Pentwater to Manistee, MI
LMZ878	Lake Michigan from St. Joseph to South Haven, MI, 5 NM offshore to mid lake
LMZ876	Lake Michigan from South Haven to Holland, MI, 5 NM offshore to mid lake
LMZ874	Lake Michigan from Holland to Grand Haven, MI, 5 NM offshore to mid lake
LMZ872	Lake Michigan from Grand Haven to Whitehall, MI, 5 NM offshore to mid lake
LMZ870	Lake Michigan from Whitehall to Pentwater, MI, 5 NM offshore to mid lake
LMZ868	Lake Michigan from Pentwater to Manistee, MI, 5 NM offshore to mid lake

**MARINE ZONES FOR WFO CLEVELAND, OH**  
**(Hazardous Weather Outlook and Marine Weather Message)**



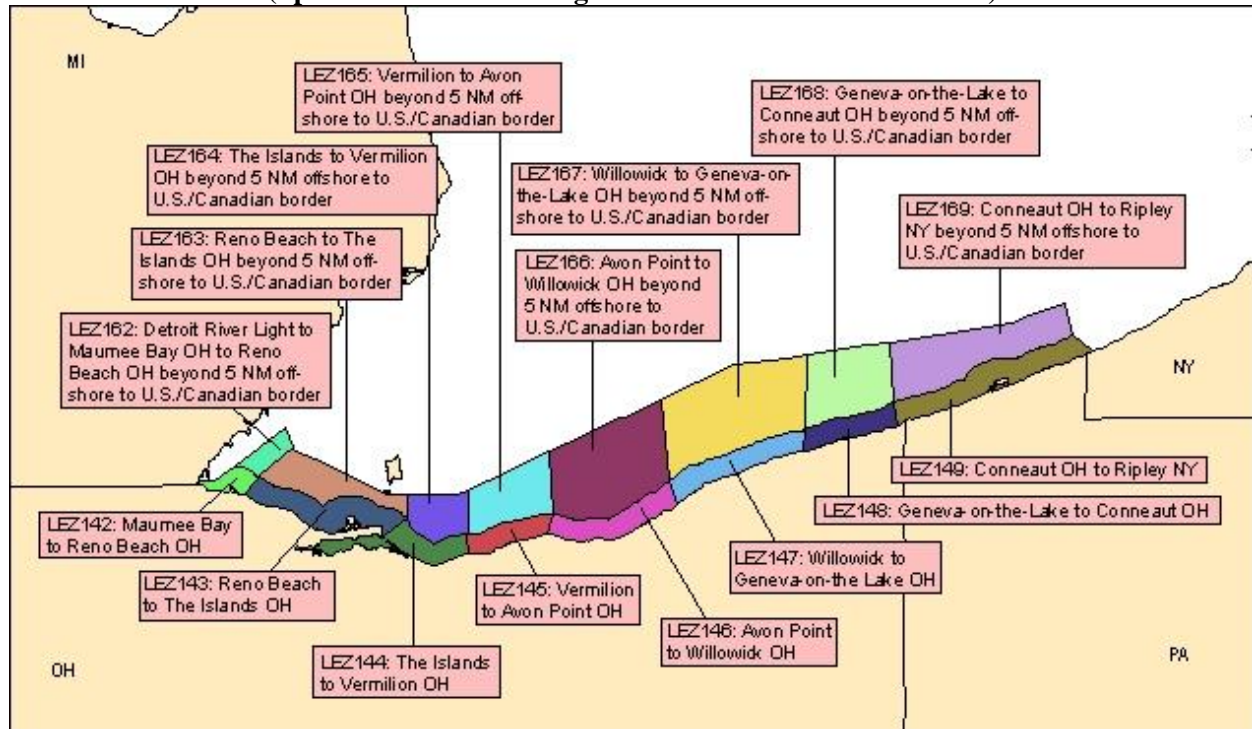
**CLEVELAND, OH (CLE)**

**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Erie - MI/OH border to NY/PA border.

LEZ142	Maumee Bay to Reno Beach, OH
LEZ143	Reno Beach to The Islands, OH
LEZ144	The Islands to Vermilion, OH
LEZ145	Vermilion to Avon Point, OH
LEZ146	Avon Point to Willowick, OH
LEZ147	Willowick to Geneva-on-the Lake, OH
LEZ148	Geneva-on-the-Lake to Conneaut, OH
LEZ149	Conneaut, OH to Ripley, NY
LEZ162	Detroit River Light to Maumee Bay, OH to Reno Beach, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ163	Reno Beach to The Islands, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ164	The Islands to Vermilion, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ165	Vermilion to Avon Point, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ166	Avon Point to Willowick, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ167	Willowick to Geneva-on-the Lake, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ168	Geneva-on-the-Lake to Conneaut, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ169	Conneaut, OH to Ripley, NY, beyond 5 NM offshore to U.S./Canadian border
LEZ061	Ripley to Buffalo, NY, extending from 5 NM offshore to U.S./Canadian border

**MARINE ZONES FOR WFO CLEVELAND, OH**  
(Special Marine Warning and Severe Local Storm Watch)



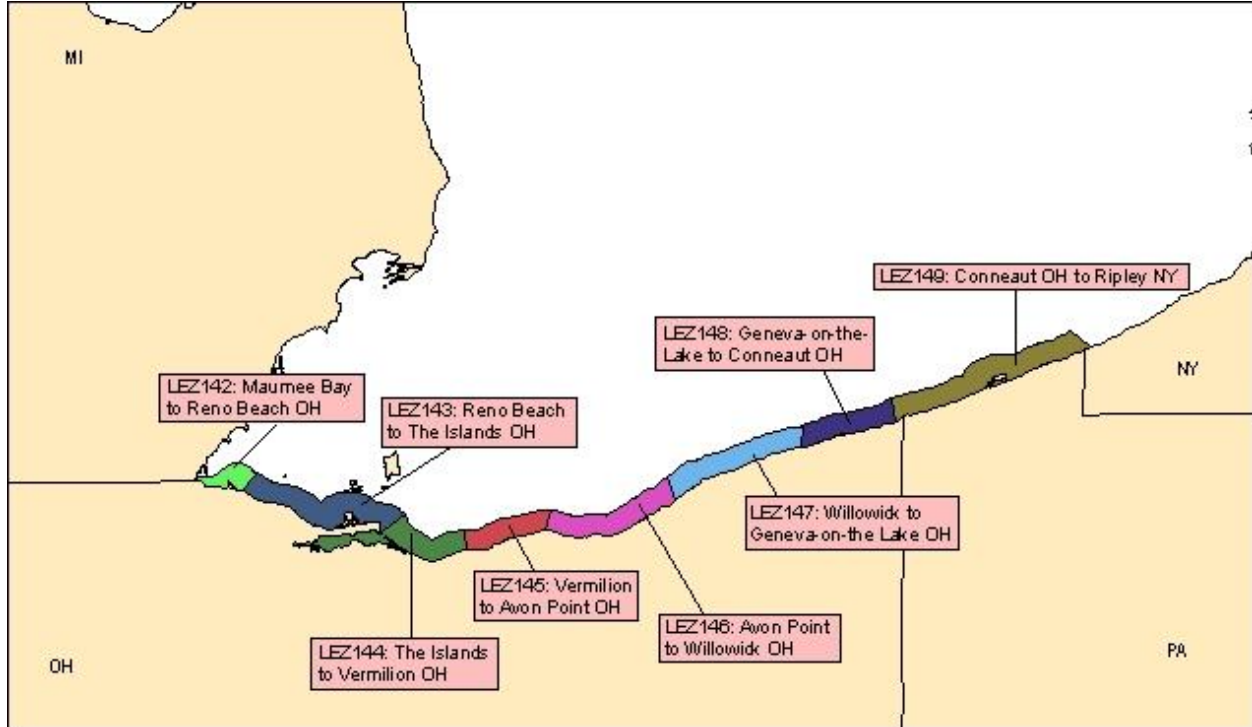
**CLEVELAND, OH (CLE)**

**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Erie - MI/OH border to NY/PA border.

LEZ142	Maumee Bay to Reno Beach, OH
LEZ143	Reno Beach to The Islands, OH
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LEZ145	Vermilion to Avon Point, OH
LEZ146	Avon Point to Willowick, OH
LEZ147	Willowick to Geneva-on-the Lake, OH
LEZ148	Geneva-on-the-Lake to Conneaut, OH
LEZ149	Conneaut, OH to Ripley, NY
LEZ162	Detroit River Light to Maumee Bay, OH to Reno Beach, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ163	Reno Beach to The Islands, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ164	The Islands to Vermilion, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ165	Vermilion to Avon Point, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ166	Avon Point to Willowick, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ167	Willowick to Geneva-on-the Lake, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ168	Geneva-on-the-Lake to Conneaut, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ169	Conneaut, OH to Ripley, NY, beyond 5 NM offshore to U.S./Canadian border

**MARINE ZONES FOR WFO CLEVELAND, OH**  
(Nearshore Marine Forecast)



**CLEVELAND, OH (CLE)**

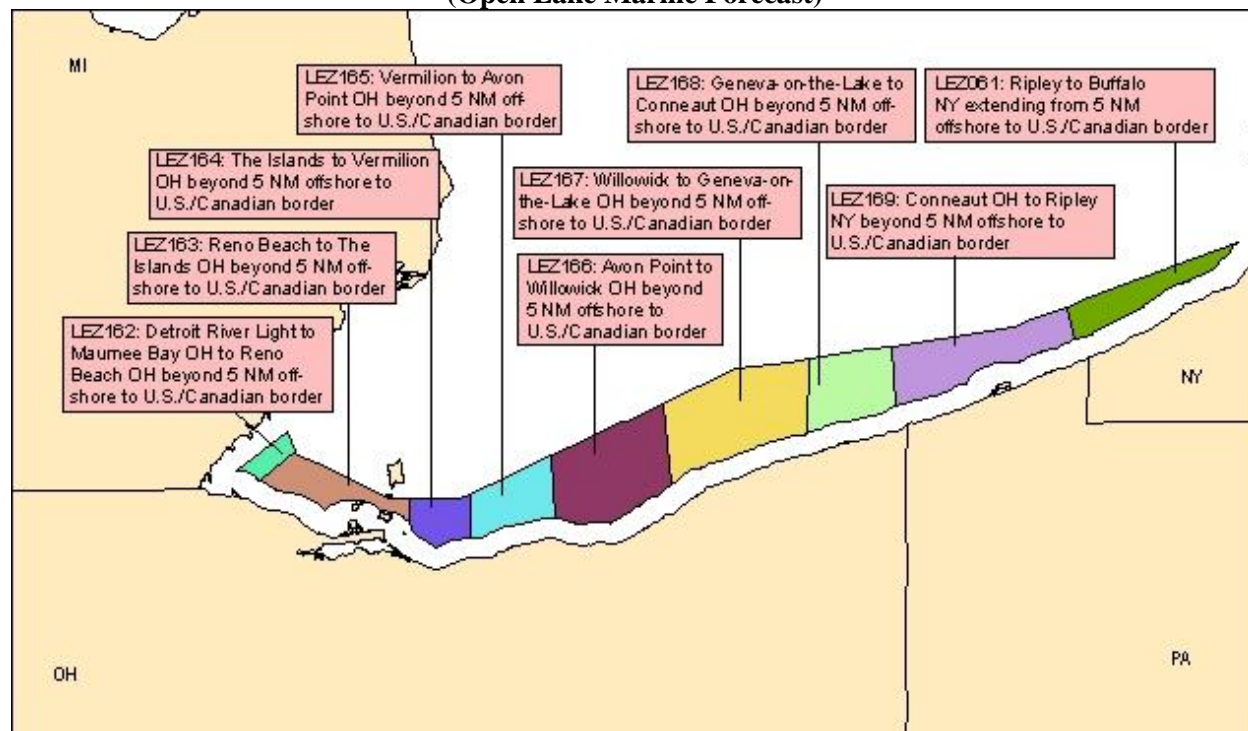
**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Erie - MI/OH border to NY/PA border.

LEZ142	Maumee Bay to Reno Beach, OH
LEZ143	Reno Beach to The Islands, OH
LEZ144	The Islands to Vermilion, OH
LEZ145	Vermilion to Avon Point, OH
LEZ146	Avon Point to Willowick, OH
LEZ147	Willowick to Geneva-on-the Lake, OH
LEZ148	Geneva-on-the-Lake to Conneaut, OH
LEZ149	Conneaut, OH to Ripley, NY



**MARINE ZONES FOR WFO CLEVELAND, OH**  
**(Open Lake Marine Forecast)**



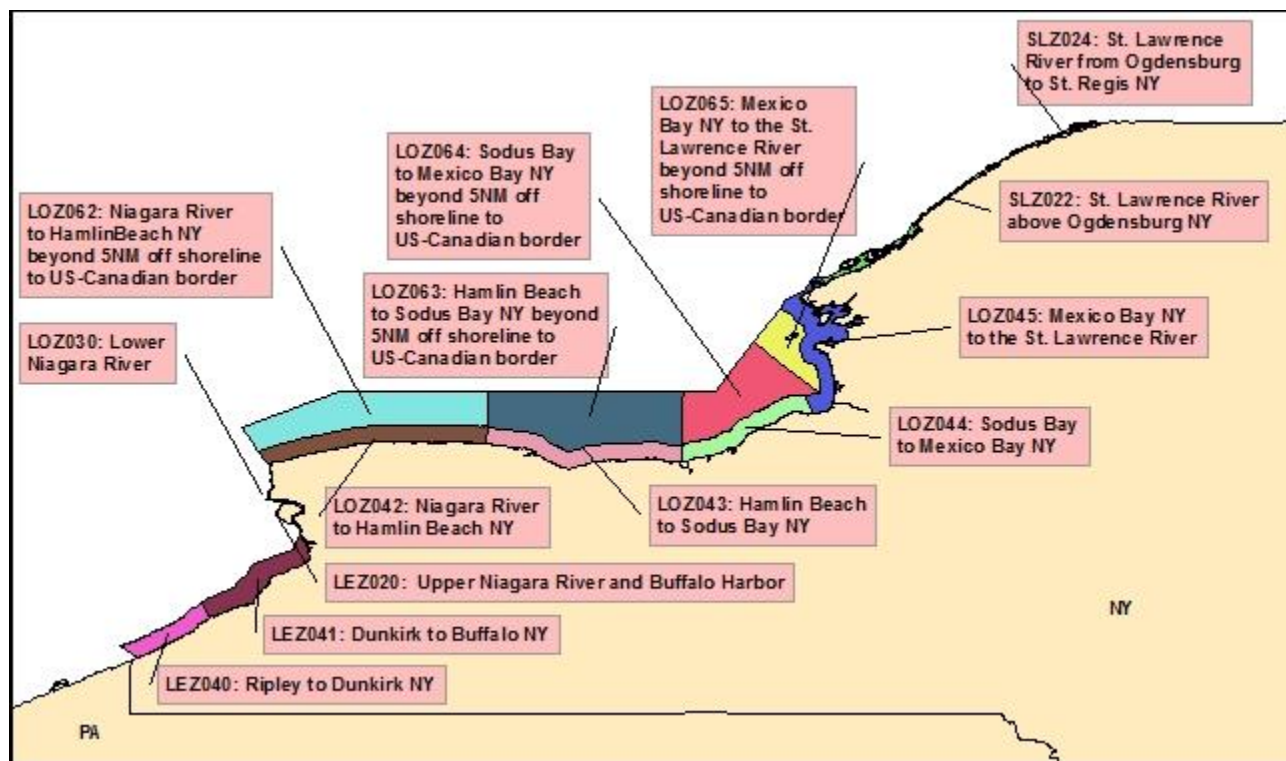
**CLEVELAND, OH (CLE)**

**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Erie - MI/OH border to NY/PA border.

LEZ162	Detroit River Light to Maumee Bay, OH to Reno Beach, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ163	Reno Beach to The Islands, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ164	The Islands to Vermilion, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ165	Vermilion to Avon Point, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ166	Avon Point to Willowick, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ167	Willowick to Geneva-on-the Lake, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ168	Geneva-on-the-Lake to Conneaut, OH, beyond 5 NM offshore to U.S./Canadian border
LEZ169	Conneaut, OH to Ripley, NY, beyond 5 NM offshore to U.S./Canadian border
LEZ061	Ripley to Buffalo, NY, extending from 5 NM offshore to U.S./Canadian border
LEZ161	Lake Erie MAFOR

**MARINE ZONES FOR WFO BUFFALO, NY**  
(Hazardous Weather Outlook and Marine Weather Message)



**BUFFALO, NY (BUF)**

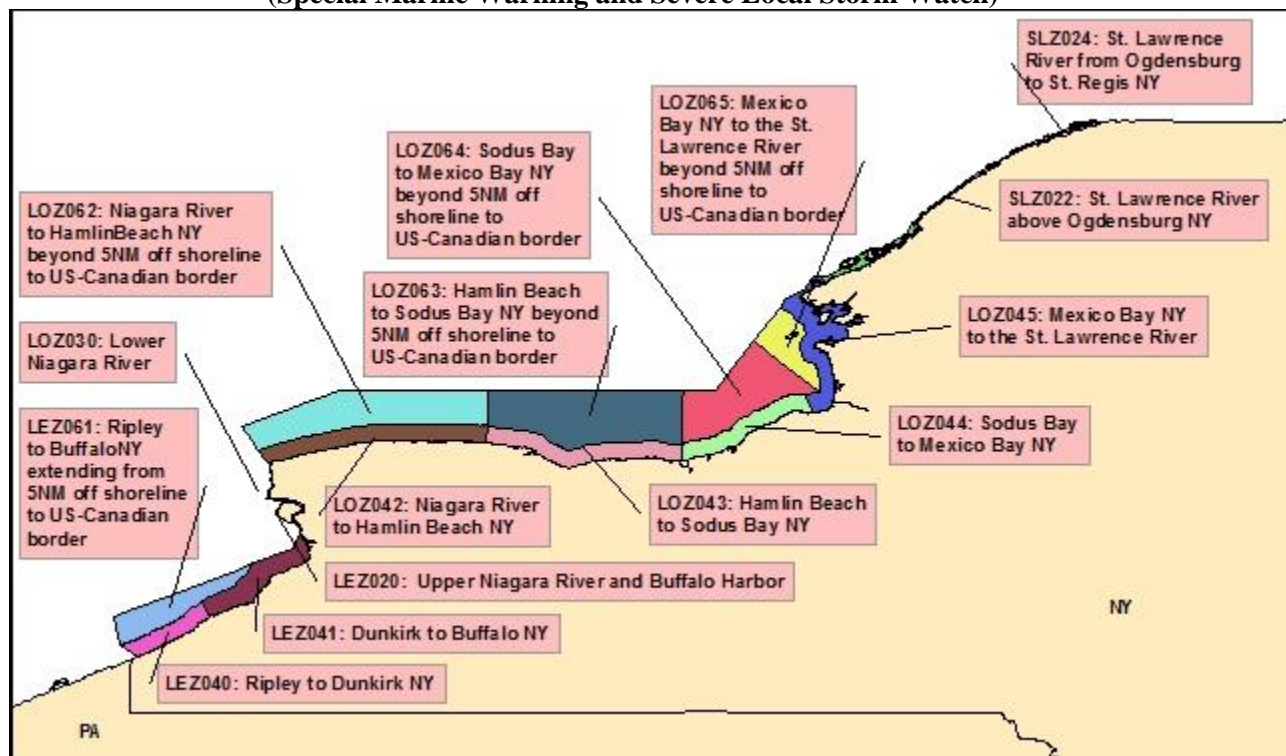
AREA OF RESPONSIBILITY BOUNDARIES

Lake Erie - NY/PA border to Buffalo Harbor; Buffalo Harbor and Niagara River.

Lake Ontario – U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River.

LEZ040	Ripley to Dunkirk, NY
LEZ041	Dunkirk to Buffalo, NY
LEZ020	Upper Niagara River and Buffalo Harbor
LOZ030	Lower Niagara River
LOZ042	Niagara River to Hamlin Beach, NY
LOZ043	Hamlin Beach to Sodus Bay NY
LOZ044	Sodus Bay to Mexico Bay, NY
LOZ045	Mexico Bay, NY to the St. Lawrence River
LOZ062	Niagara River to Hamlin Beach, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ063	Hamlin Beach to Sodus Bay, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ064	Sodus Bay to Mexico Bay, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ065	Mexico Bay, NY to the St. Lawrence River, beyond 5 NM offshore to U.S./Canadian border
SLZ022	St. Lawrence River above Ogdensburg, NY
SLZ024	St. Lawrence River from Ogdensburg to St. Regis, NY

**MARINE ZONES FOR WFO BUFFALO, NY**  
**(Special Marine Warning and Severe Local Storm Watch)**



**BUFFALO, NY (BUF)**

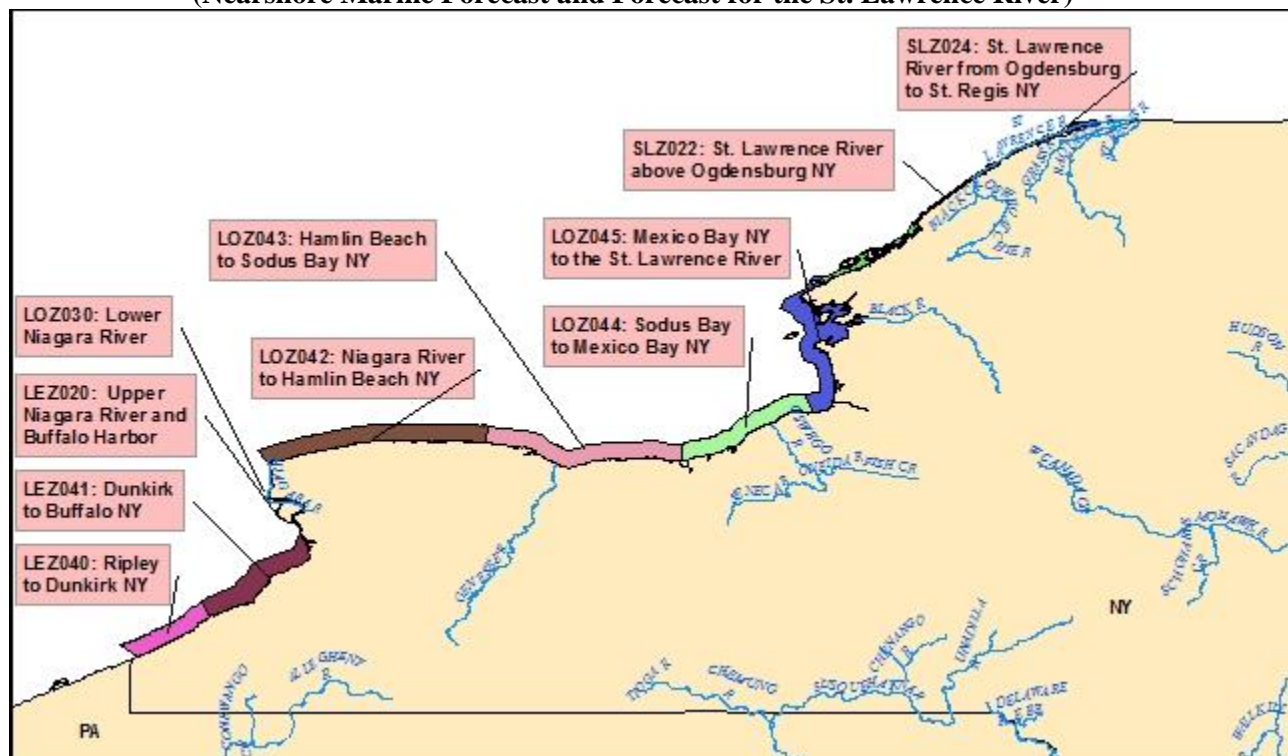
**AREA OF RESPONSIBILITY BOUNDARIES**

Lake Erie - NY/PA border to Buffalo Harbor; Buffalo Harbor and Niagara River.

Lake Ontario – U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River.

LEZ040	Ripley to Dunkirk, NY
LEZ041	Dunkirk to Buffalo, NY
LEZ061	Ripley to Buffalo, NY, extending from 5 NM offshore to U.S./Canadian border
LEZ020	Upper Niagara River and Buffalo Harbor
LOZ030	Lower Niagara River
LOZ042	Niagara River to Hamlin Beach, NY
LOZ043	Hamlin Beach to Sodus Bay, NY
LOZ044	Sodus Bay to Mexico Bay, NY
LOZ045	Mexico Bay, NY to the St. Lawrence River
LOZ062	Niagara River to Hamlin Beach, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ063	Hamlin Beach to Sodus Bay, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ064	Sodus Bay to Mexico Bay, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ065	Mexico Bay, NY to the St. Lawrence River, beyond 5 NM offshore to U.S./Canadian border
SLZ022	St. Lawrence River above Ogdensburg, NY
SLZ024	St. Lawrence River from Ogdensburg to St. Regis, NY

**MARINE ZONES FOR WFO BUFFALO, NY**  
(Nearshore Marine Forecast and Forecast for the St. Lawrence River)



**BUFFALO, NY (BUF)**

AREA OF RESPONSIBILITY BOUNDARIES

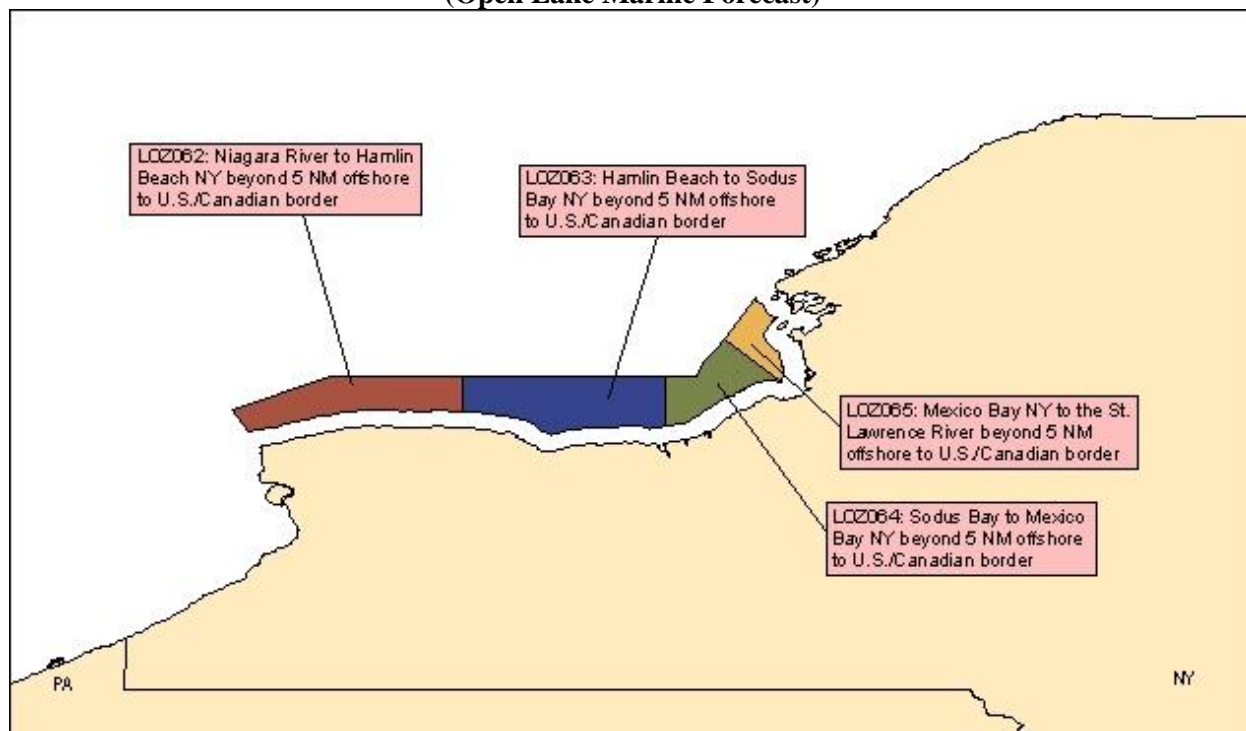
Lake Erie - NY/PA border to Buffalo Harbor; Buffalo Harbor and Niagara River.

Lake Ontario - U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River.

LEZ040	Ripley to Dunkirk, NY
LEZ041	Dunkirk to Buffalo, NY
LEZ020	Upper Niagara River and Buffalo Harbor
LOZ030	Lower Niagara River
LOZ042	Niagara River to Hamlin Beach, NY
LOZ043	Hamlin Beach to Sodus Bay, NY
LOZ044	Sodus Bay to Mexico Bay, NY
LOZ045	Mexico Bay, NY to the St. Lawrence River
SLZ022	St. Lawrence River above Ogdensburg, NY
SLZ024	St. Lawrence River from Ogdensburg to St. Regis, NY



# **MARINE ZONES FOR WFO BUFFALO, NY** **(Open Lake Marine Forecast)**



## **BUFFALO, NY (BUF)**

### AREA OF RESPONSIBILITY BOUNDARIES

Lake Erie - NY/PA border to Buffalo Harbor; Buffalo Harbor and Niagara River.

Lake Ontario – U.S./Canada border near Niagara River to U.S./Canada border at St. Lawrence River.

LOZ062	Niagara River to Hamlin Beach, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ063	Hamlin Beach to Sodus Bay, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ064	Sodus Bay to Mexico Bay, NY, beyond 5 NM offshore to U.S./Canadian border
LOZ065	Mexico Bay, NY to the St. Lawrence River beyond 5 NM offshore to U.S./Canadian border
LOZ061	Lake Ontario MAFOR



## 3 Offshore Forecast Areas of Responsibility

## OFFSHORE MARINE FORECASTS

<u>Issuing Office</u>	<u>Official Area of Responsibility</u>	<u>Warning and Forecast Headings</u>	<u>UGC</u>	<u>Area ID</u>
NCEP/ OPC	Waters of the West Atlantic Ocean adjacent to the U.S. southwest of The Hague Line and north of 31N and between the Coastal Waters Forecast and 250 NM offshore	New England Continental Shelf and Slope Waters from 25 NM Offshore to The Hague Line...except to 1,000 fathoms S of New England.		
		Synopsis for New England Waters.	ANZ898	NTI
		Gulf of Maine to The Hague Line.	ANZ800	
		Georges Bank between Cape Cod and 68W North of 1,000 FM.	ANZ805	
		Georges Bank between 68W and The Hague Line.	ANZ900	
		South of New England between the Great South Channel and Montauk Point to 1,000 FM.	ANZ810	
		South of Long Island between Montauk Point and Sandy Hook to 1,000 FM.	ANZ815	
		W Central N Atlc Continental Shelf and Slope Waters Beyond 20 NM...to 250 NM Offshore...Including S of Georges Bank from 1,000 FM to...250 NM Offshore:		
		Synopsis for Mid Atlantic Waters	ANZ899	NT2
		Hudson Canyon to Baltimore Canyon to 1,000 FM.	ANZ820	
		Between 1,000 FM and 38.5N West of 69W.	ANZ915	
		Baltimore Canyon to 69W East of 1,000 FM and South of 38.5N to 250 NM offshore.	ANZ920	
		East of 69W to The Hague Line between 1,000 FM and 39N.	ANZ905	
		East of 69W and South of 39N to 250 NM offshore.	ANZ910	
		Baltimore Canyon to Cape Charles Light to 100 NM offshore.	ANZ825	

	Cape Charles Light to Currituck Beach Light to 100 NM offshore.	ANZ828	
	Baltimore Canyon to Hatteras Canyon between 100 NM and 250 NM offshore.	ANZ925	
	Currituck Beach Light to Cape Hatteras to 100 NM offshore.	ANZ830	
	Cape Hatteras to Cape Fear to 100 NM offshore.	ANZ833	
	Hatteras Canyon to Cape Fear between 100 NM and 250 NM offshore.	ANZ930	
	Cape Fear to 31N to 1,000 FM.	ANZ835	
	Cape Fear to 31N East of 1,000 FM to 250 NM offshore.	ANZ935	
Waters of the Eastern Pacific Ocean adjacent to the contiguous U.S. between 60 NM and 250 NM from shore	Washington and Oregon waters: Inner waters from 60 NM to 150 NM offshore.		
	Outer waters from 150 NM to 250 NM offshore.		
	Synopsis for Washington and Oregon Waters.	PZZ898	PZ5
	Cape Flattery to Cape Shoalwater between 60 NM and 150 NM offshore.	PZZ800	
	Cape Flattery to Cape Shoalwater between 150 NM and 250 NM offshore.	PZZ900	
	Cape Shoalwater to Cape Lookout between 60 NM and 150 NM offshore.	PZZ805	
	Cape Shoalwater to Cape Lookout between 150 NM and 250 NM offshore.	PZZ905	
	Cape Lookout to Florence, OR between 60 NM and 150 NM offshore.	PZZ810	
	Cape Lookout to Florence, OR between 150 NM and 250 NM offshore.	PZZ910	
	Florence, OR to Point St. George between 60 NM and 150 NM offshore.	PZZ815	
	Florence, OR to Point St. George between 150 NM and 250 NM offshore.	PZZ915	
	California waters: Inner waters from 60 NM to 150 NM offshore.		
	Outer waters from 150 NM to 250 NM offshore.		

		Synopsis for California Waters. Point St. George to Point Arena between 60 NM and 150 NM offshore.	PZZ899 PZZ820	PZ6
		Point St. George to Point Arena between 150 NM and 250 NM offshore.	PZZ920	
		Point Arena to Pigeon Point between 60 NM and 150 NM offshore.	PZZ825	
		Point Arena to Pigeon Point between 150 NM and 250 NM offshore.	PZZ925	
		Pigeon Point to Point Piedras Blancas between 60 NM and 150 NM offshore.	PZZ830	
		Pigeon Point to Point Piedras Blancas between 150 NM and 250 NM offshore.	PZZ930	
		Point Piedras Blancas to Santa Cruz Island, CA between 60 NM and 150 NM offshore.	PZZ835	
		Point Piedras Blancas to Santa Cruz Island, CA between 150 NM and 250 NM offshore.	PZZ935	
		Santa Cruz Island, CA to San Clemente Island, CA between 60 NM and 150 NM offshore.	PZZ840	
		Santa Cruz Island, CA to 120W between 150 NM and 250 NM offshore.	PZZ940	
		San Clemente Island, CA to Guadalupe Island from 60 NM offshore west to 120W.	PZZ945	
NHC/ TAFB	The Gulf of Mexico outside the Coastal Marine Fcst areas.	Offshore Waters Forecast for Gulf of Mexico: Includes the Flower Gardens National Marine Sanctuary Synopsis for the Gulf of Mexico. NW Gulf including Stetson Bank N Central Gulf including Flower Garden Banks Marine Sanctuary NE Gulf N of 25N E of 87W W Central Gulf from 22N to 26N W of 94W Central Gulf from 22N to 26N	GMZ001 GMZ011 GMZ013  GMZ015 GMZ017  GMZ019	NT4

	between 87W and 94W		
	E Gulf from 22N to 25N E of 87W	GMZ021	
	including Straits of Florida		
	SW Gulf S of 22N W of 94W	GMZ023	
	E Bay of Campeche including	GMZ025	
	Campeche Bank		
The Southwest N Atlantic S of 31N & W of 65W, the Caribbean Sea, & the tropical North Atlantic E of the Lesser Antilles & W of 55W between the coastal waters of S. America & 22N	Synopsis for SW N Atlantic	AMZ101	NT3
	including the Bahamas		
	Atlantic from 27N to 31N	AMZ111	
	west of 77W		
	Atlantic from 27N to 31N	AMZ113	
	between 70W and 77W		
	Atlantic from 27N to 31N	AMZ115	
	between 65W and 70W		
	Bahamas including the	AMZ117	
	Cay Sal Bank		
	Atlantic from 22N to 27N	AMZ119	
	E of Bahamas to 70W		
	Atlantic from 22N to 27N	AMZ121	
	between 65W and 70W		
	Atlantic S of 22N W of 70W	AMZ123	
	including approaches to the		
	Windward Passage		
	Atlantic S of 22N between	AMZ125	
	65W and 70W including		
	Puerto Rico Trench		
	Atlantic from 19N to 22N	AMZ127	
	between 55W and 65W		
	Synopsis for Caribbean Sea and	AMZ001	
	Tropical N Atlantic from 07N to 19N		
	between 55W and 64W		
	Caribbean N of 18N W of 85W	AMZ011	
	including Yucatan Basin		
	Caribbean N of 18N between	AMZ013	
	76W and 85W including		
	Cayman Basin		
	Caribbean approaches to the	AMZ015	
	Windward Passage		
	Gulf of Honduras	AMZ017	
	Caribbean from 15N to 18N	AMZ019	
	between 80W and 85W		
	Caribbean from 15N to 18N	AMZ021	
	between 72W and 80W		
	Caribbean N of 15N between	AMZ023	
	64W and 72W		

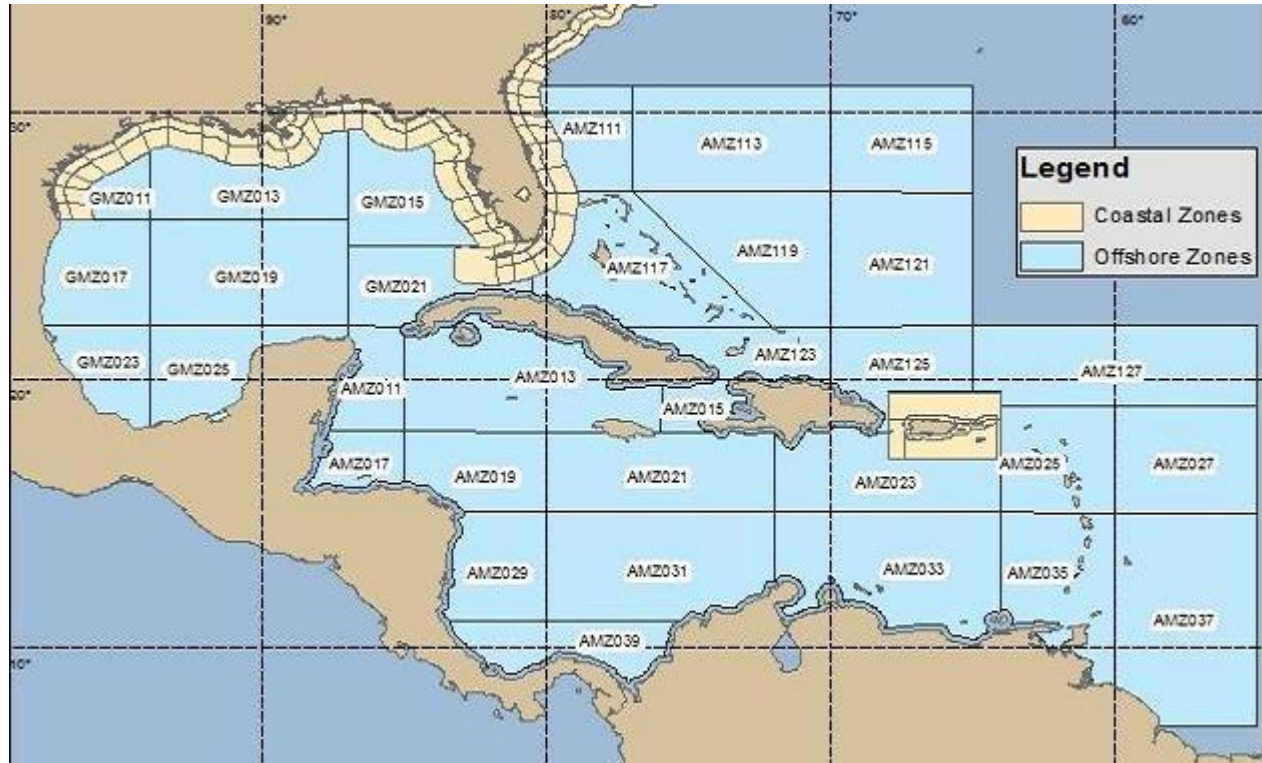
		Offshore waters Leeward Islands	AMZ025	
		Tropical N Atlantic from 15N to 19N between 55W and 60W	AMZ027	
		W Central Caribbean from 11N to 15N W of 80W	AMZ029	
		Caribbean from 11N to 15N between 72W and 80W including Colombia Basin	AMZ031	
		Caribbean S of 15N between 64W and 72W including Venezuela Basin	AMZ033	
		Offshore waters Windward Islands including Trinidad and Tobago	AMZ035	
		Tropical N Atlantic from 7N to 15N between 55W and 65W	AMZ037	
		SW Caribbean S of 11N including the approaches to Panama Canal	AMZ039	
WFO AFC	The Gulf of Alaska north of 55N and west of 144W	Gulf of Alaska Offshore Waters Forecast:		
		Synopsis for the western Gulf of Alaska	PKZ399	AFC
		Gulf of Alaska offshore north of 57N and west of 144W	PKZ351	
		Gulf of Alaska offshore south of 57N north of 55N and west of 144W	PKZ352	
	The Bering Sea east of the International Date line outside the Coastal Waters	Central Bering Sea Offshore Waters Forecast:		
		Synopsis for Central Bering Sea	PKZ499	AFC
		Bering Sea offshore west of 180 and east of the International Dateline	PKZ411	
		Bering Sea offshore 171W to 180 and north of 56N	PKZ412	
		Bering Sea offshore 171W to 180 and south of 56N	PKZ413	
		Bering Sea offshore east of 171W	PKZ414	
WFO AJK	The Gulf of Alaska north of 55 degrees N & E of 144 degrees West	Gulf of Alaska Offshore Waters Forecast:		
		Synopsis for the eastern Gulf of Alaska	PKZ398	AJK
		Gulf of Alaska north of 55 degrees	PKZ310	

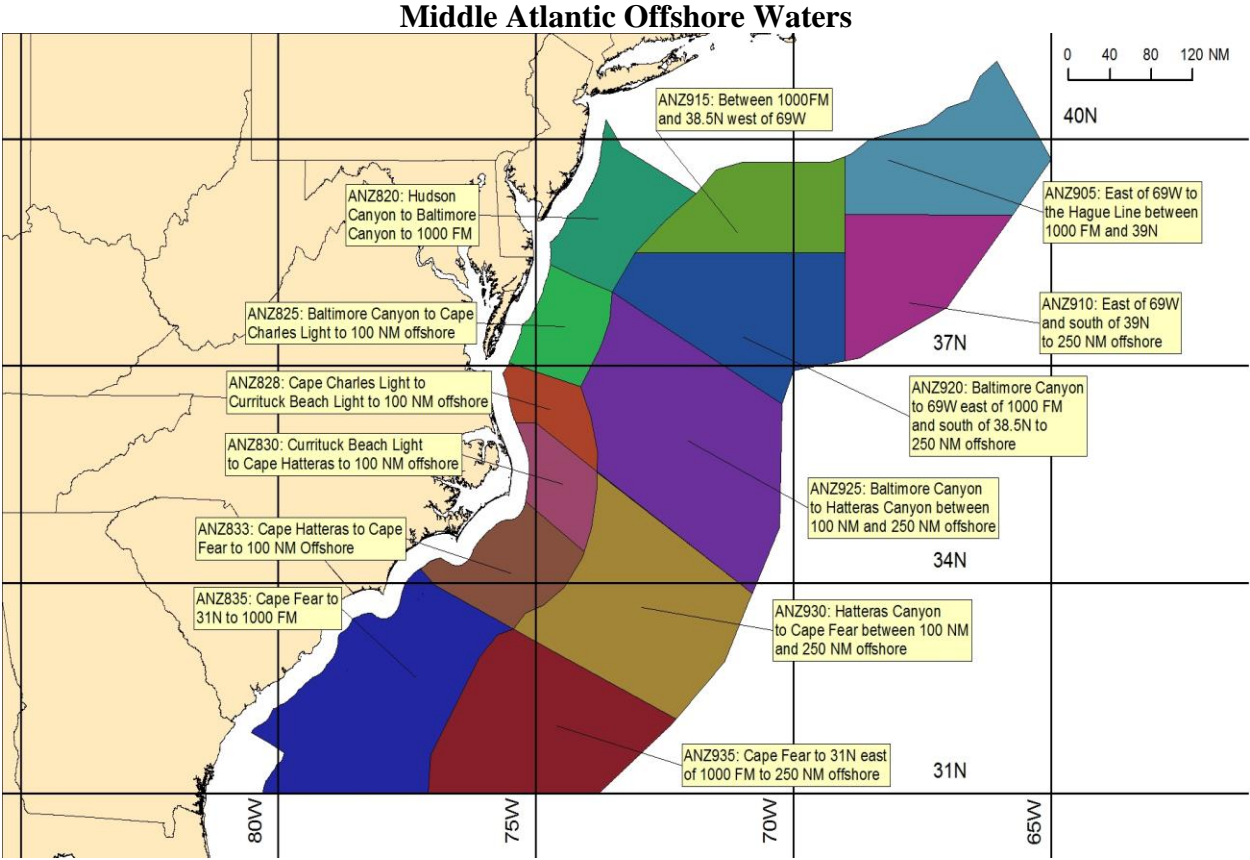


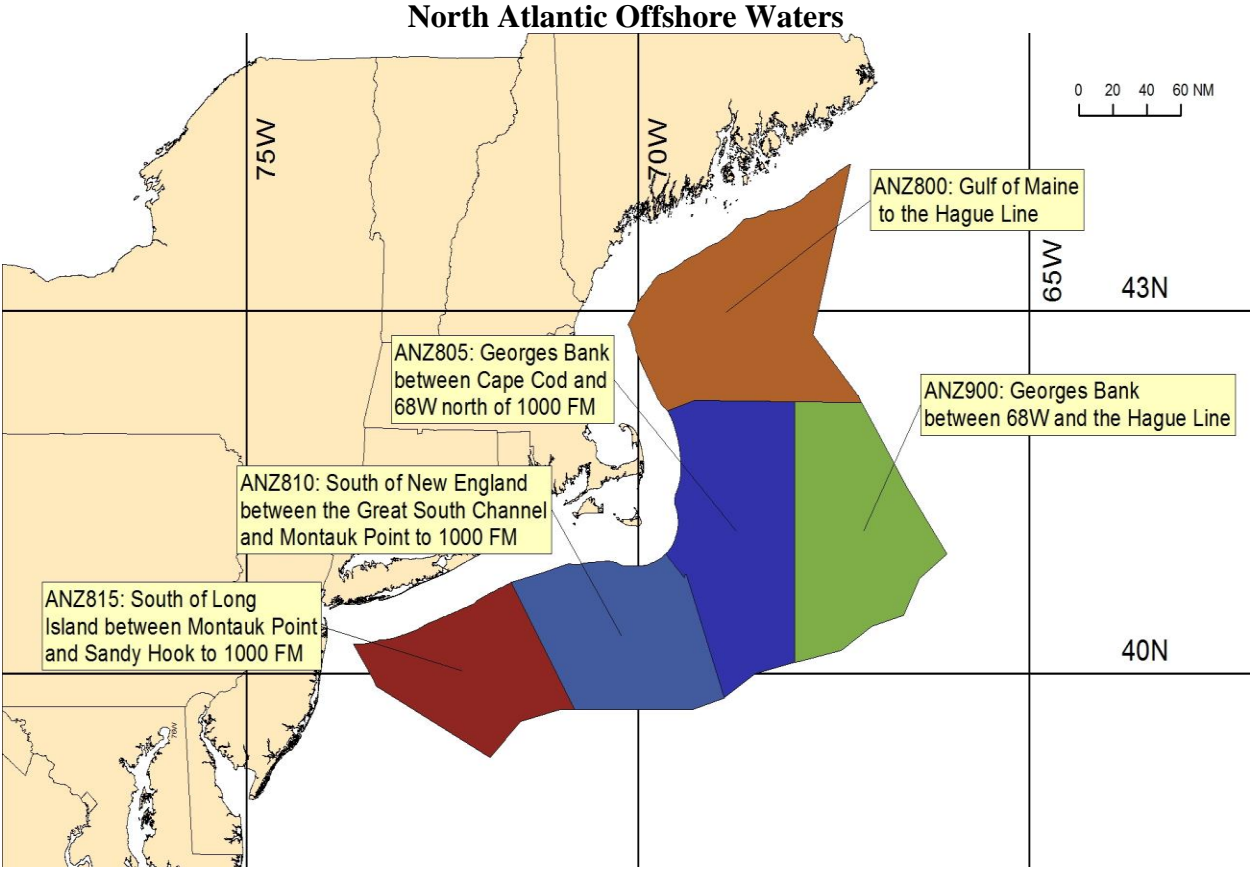
North and east of 144 degrees West

WFO	U.S. Arctic	U.S. Arctic Offshore Waters Forecast:		
AFG	Offshore Waters	Synopsis for Arctic Waters	PKZ599	AFG
		Western U.S. Arctic Offshore	PKZ500	
		Central U.S. Arctic Offshore	PKZ505	
		Eastern U.S. Arctic Offshore	PKZ510	
WFO	Hawaiian Offshore	Hawaiian Offshore Waters Beyond 40 NM		
HFO	Waters Beyond 40	out to 240 NM:		
	NM out to 240 NM			
		Synopsis for Hawaiian Offshore	PHZ105	HFO
		Waters		
		Hawaiian Offshore Waters	PHZ180	

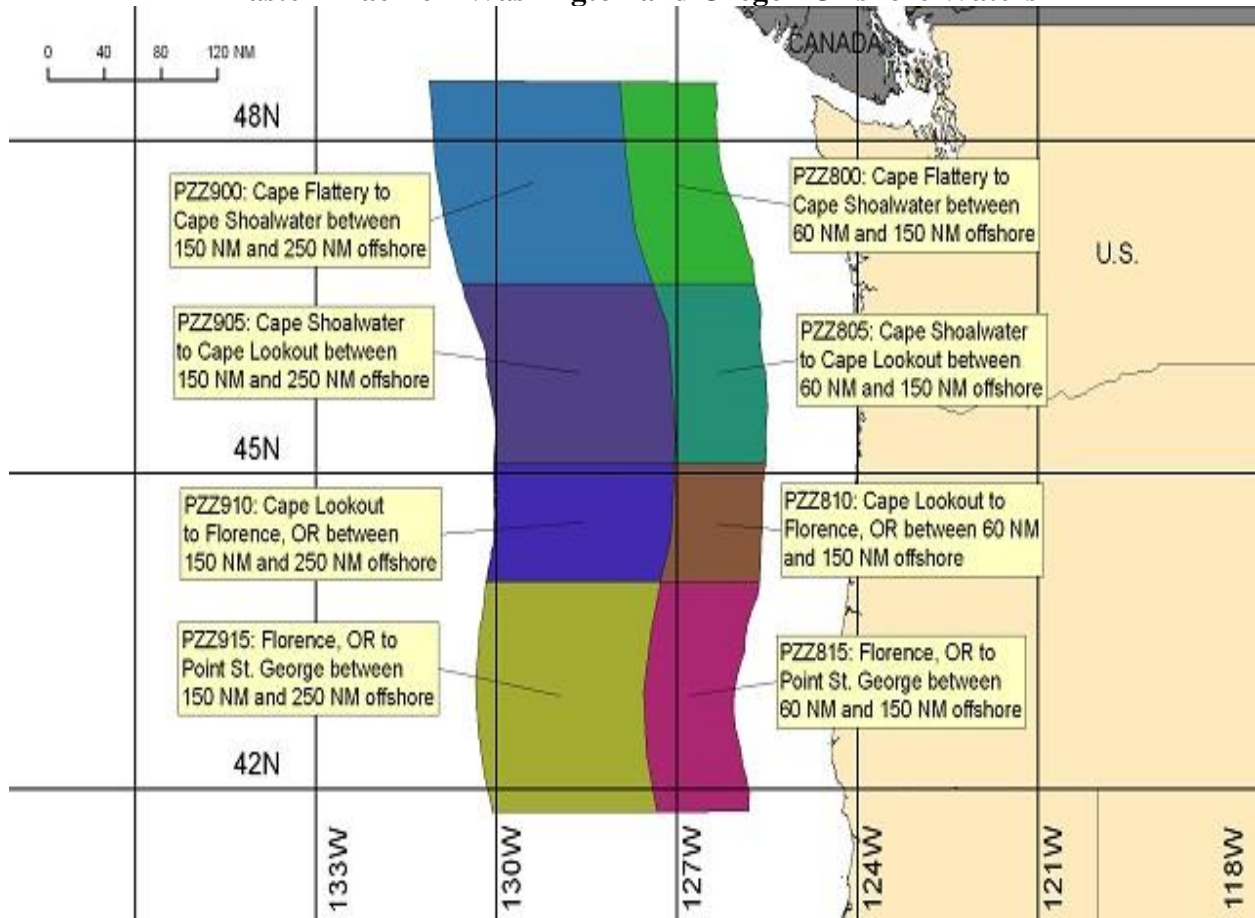
**Southwest North Atlantic, Gulf of Mexico, and Caribbean  
Offshore Waters**





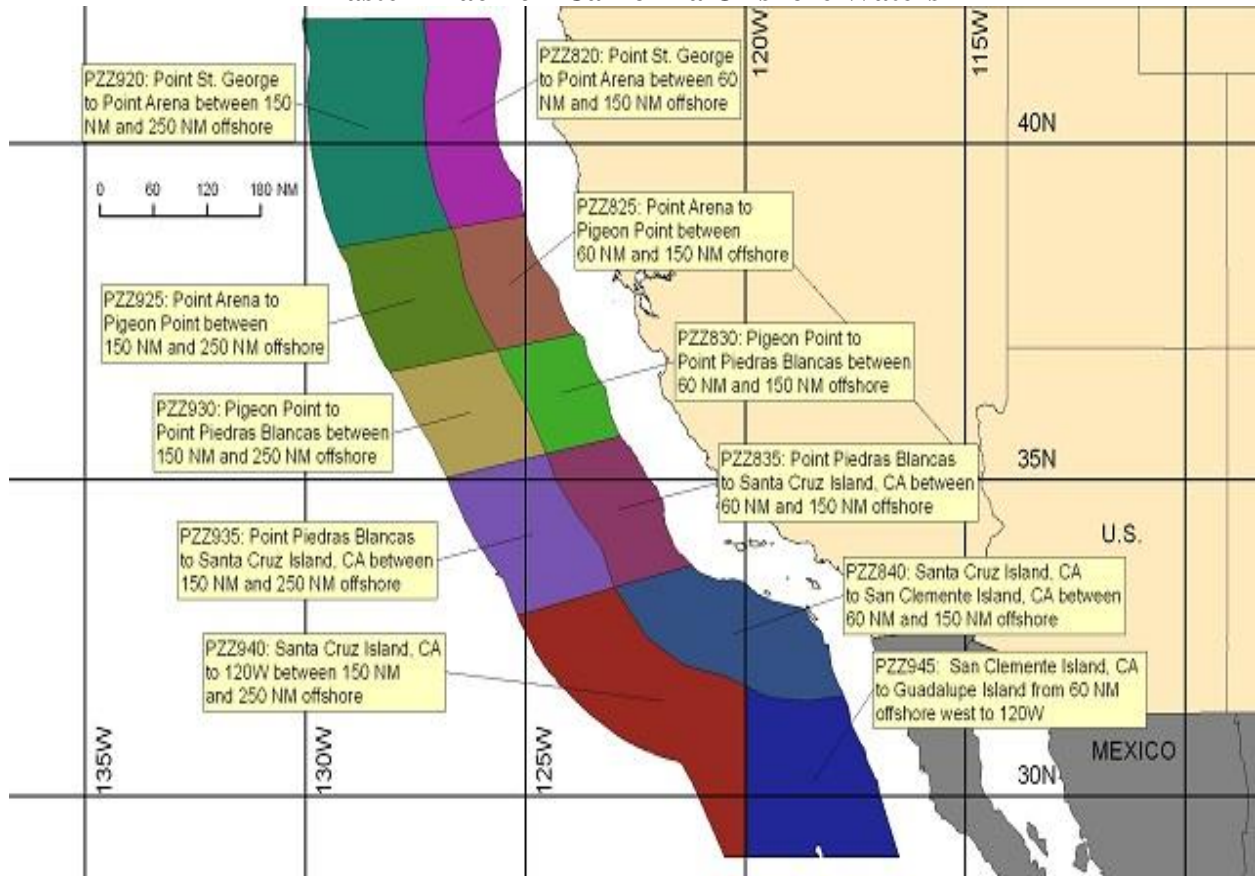


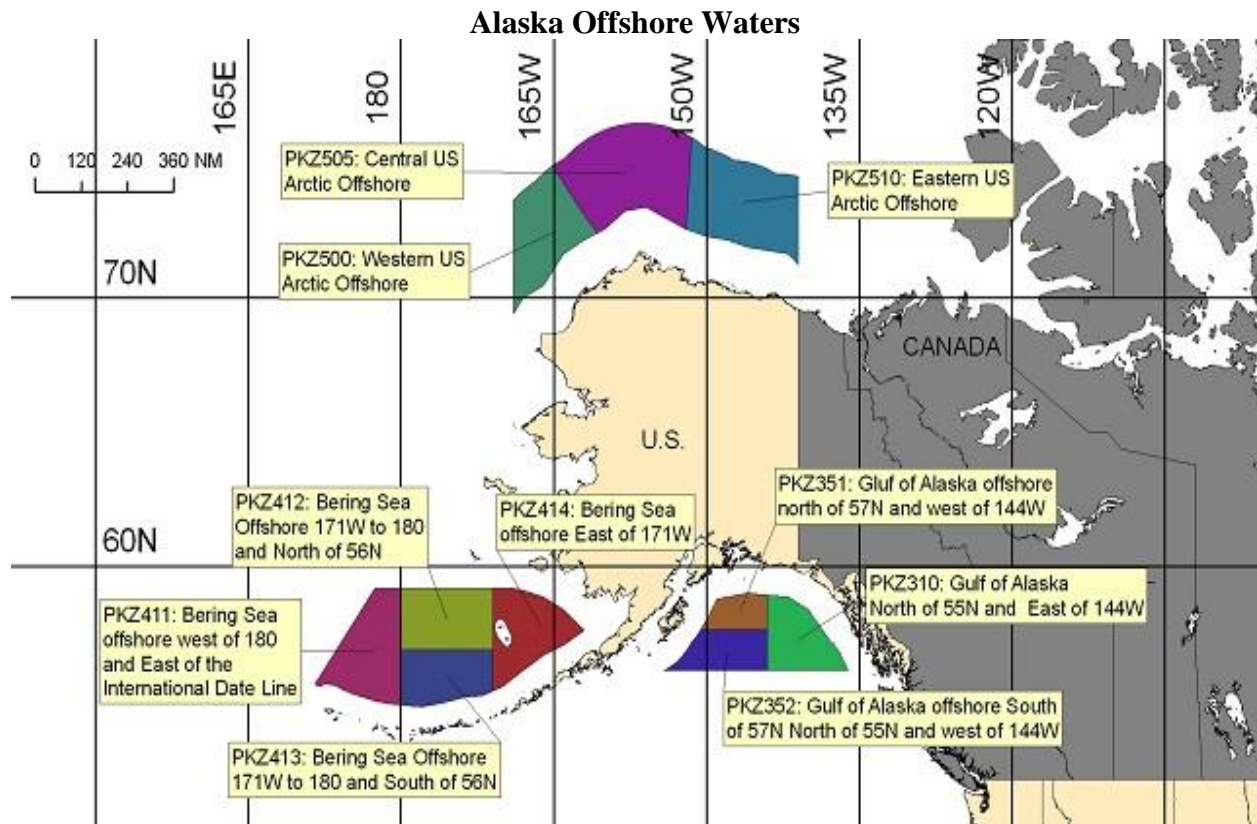
Eastern Pacific – Washington and Oregon Offshore Waters



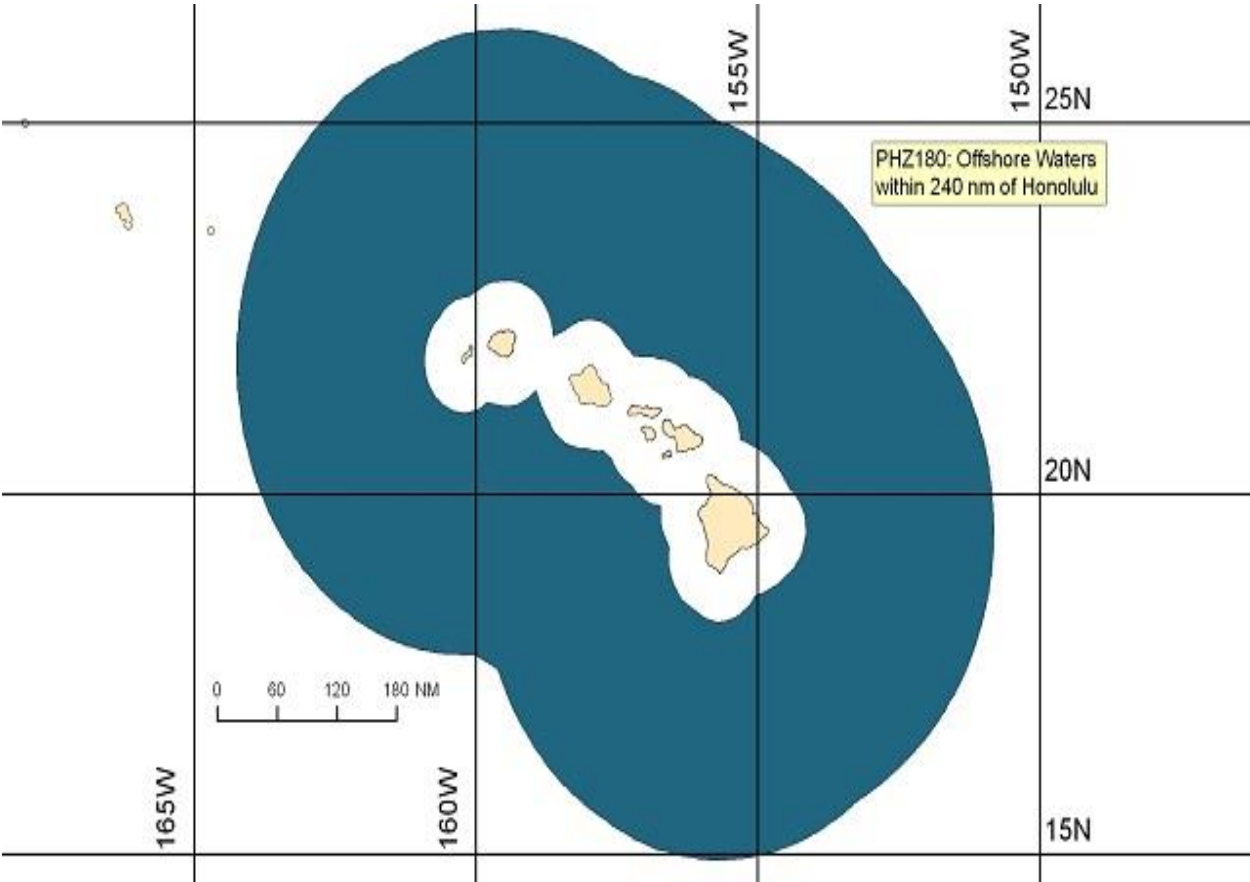


### Eastern Pacific – California Offshore Waters





Hawaii Offshore Waters



**4 NAVTEX Forecast Areas of Responsibility**

<u>Issuing Office</u>	<u>Geographic Heading</u>	<u>Prod. ID</u>	<u>WMO Header</u>	<u>Product Coverage (out to 200 NM)</u>	<u>NAVTEX Transmitter</u>
OPC/ ATL	Northeast U.S. waters	OFFN01	FZNT23KWNM	Eastport, ME to Sandy Hook, NJ	Boston, MA
	Mid Atl. states waters	OFFN02	FZNT24KWNM	Sandy Hook, NJ to Murrells Inlet, SC	Chesapeake, VA
	Southeastern U.S. waters	OFFN03	FZNT25KWNM	Murrells Inlet, SC to Flagler Beach, FL	Savannah, GA
NHC/TAFB	SW North Atlantic E half of the Gulf of Mexico and NW Caribbean waters	OFFN04	FZNT25KNHC	Flagler Beach, FL to Suwannee River, FL	Miami, FL
	Puerto Rico and U.S. Virgin Islands waters	OFFN05	FZNT26KNHC	Surrounding San Juan	San Juan, PR
	Gulf of Mexico waters	OFFN06	FZNT27KNHC	Suwannee River, FL to Rio Grande	New Orleans, LA
OPC/ PAC.	Southern Calif. waters	OFFN07	FZPN22KWNM	Mexican Border to Point Piedras Blancas, CA	Cambria, CA
	Northern Calif. waters	OFFN08	FZPN23KWNM	Point Piedras Blancas, CA to Point St. George, CA	Pt. Reyes, CA
	WA and OR waters	OFFN09	FZPN24KWNM	Point St. George, CA to Canadian Border	Astoria, OR
WFO HFO	Hawaiian waters	OFFN10	FZHW61 PHFO	Hawaiian waters	Honolulu, HI

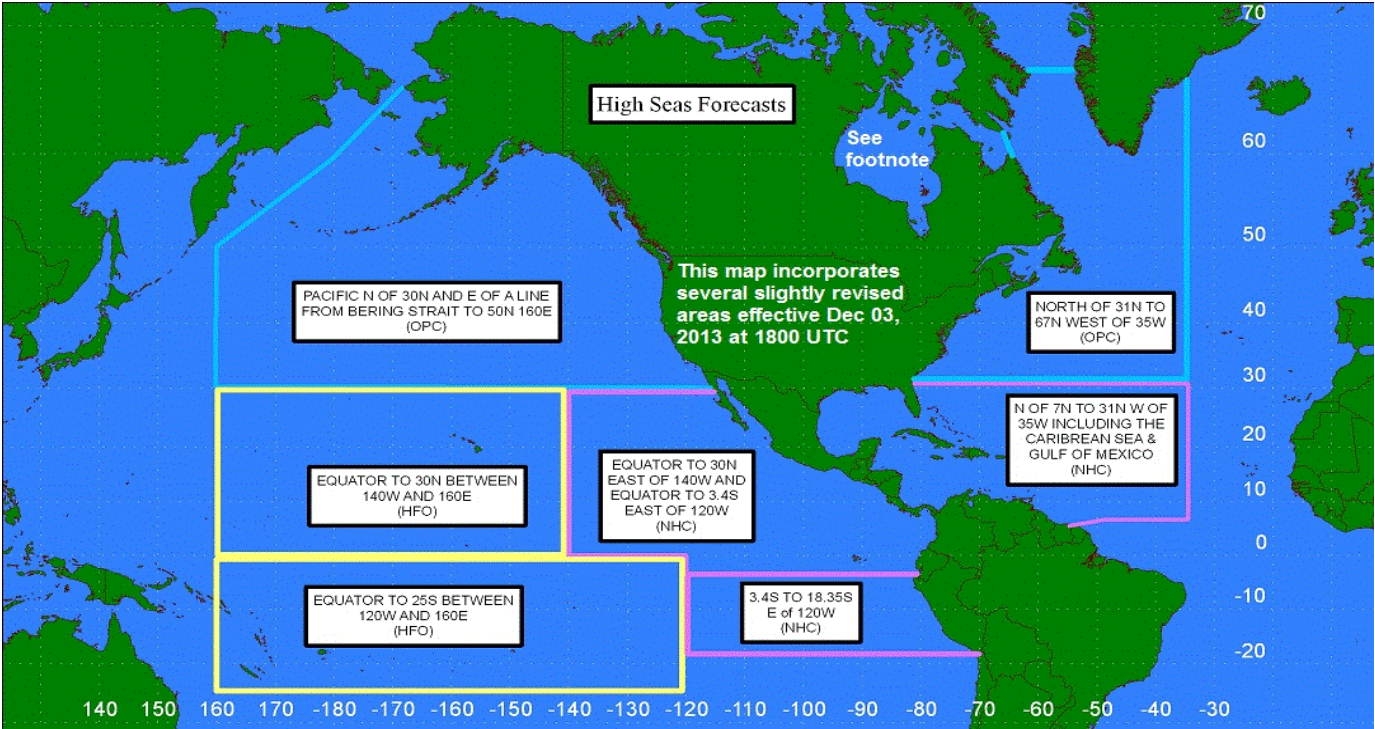
**NWSI 10-302 MAY 14, 2015**

<u>Issuing Office</u>	<u>Geographic Heading</u>	<u>Prod. ID</u>	<u>WMO Header</u>	<u>Product Coverage</u>	<u>NAVTEX Transmitter</u>
WFO AJK	SE Alaska coastal waters	OFFN11	FZAK61 PAJK	Dixon Entrance to Cape Suckling (out to 100 NM)	Kodiak, AK
WFO AFC	S Central Alaska coastal waters	OFFN12	FZAK63 PAFC	S Central Alaska coastal waters (out to 100 NM)	Kodiak, AK
WFO AFC	SW Alaska coastal waters	OFFN13	FZAK64 PAFC	Alaska Peninsula Waters and Aleutian Islands (out to 100 NM)	Kodiak, AK
WFO AFG	NW Coast	OFFN14	FZAK62 PAFG	Norton Sound, Kotzebue Sound, Dall Point to Cape Thompson	Kodiak, AK
WFO AFG	Arctic Coast	OFFN15	FZAK61 PAFG	Cape Thompson to Demarcation Point	Kodiak, AK



**5 High Seas Forecast Areas of Responsibility**

<u>Issuing Office</u>	<u>Area</u>
NCEP/OPC	North Atlantic Ocean between 31N and 67N latitude and between the East Coast of the U.S. and 35W longitude. WMO METAREA IV
	North Pacific Ocean north of 30N and south of 67N east of a line from Bering Strait to 50N 160E to 30N 160E. WMO METAREA XII
NHC/TAFB	Atlantic Ocean west of 35W longitude between 31N latitude and 7N latitude including the Caribbean Sea and the Gulf of Mexico. WMO METAREA IV
	Eastern North Pacific Ocean between the Equator and 30N latitude, east of 140W longitude, and 3.4S to the Equator east of 120W longitude. WMO METAREA XII
	Eastern South Pacific Ocean between 3.4S and 18.35S latitude and east of 120W longitude. WMO METAREA XVI
WFO Honolulu	Central North Pacific Ocean between the Equator and 30N latitude and between 140W longitude and 160E longitude. WMO METAREA XII
	Central South Pacific Ocean between the Equator and 25S latitude and between 120W longitude and 160E longitude. WMO METAREA XIV



**6 Coastal and Offshore Marine Codes Listings for Emergency Alert System (EAS) and NOAA Weather Radio (NWR) Applications**

<b><u>Numeric</u></b>	<b><u>Alpha</u></b>	<b><u>Abbreviated Name of Marine Area</u> <u>Full Name of Marine Area</u></b>
57	PZ	EASTERN N. PACIFIC OCEAN Eastern North Pacific Ocean and along U.S. West Coast from Canadian border to Mexican border
58	PK	N. PACIFIC OCEAN NEAR ALASKA North Pacific Ocean near Alaska and along Alaska coastline, including the Bering Sea and the Gulf of Alaska
59	PH	CENTRAL PACIFIC OCEAN Central Pacific Ocean including Hawaiian waters
61	PS	S. CENTRAL PACIFIC OCEAN South Central Pacific Ocean including American Samoa waters
65	PM	WESTERN PACIFIC OCEAN Western Pacific Ocean including Mariana Island waters
73	AN	NORTHWEST N. ATLANTIC OCEAN Western North Atlantic Ocean and along U.S. East Coast from Canadian border south to Currituck Beach Light, NC
75	AM	WEST N. ATLANTIC OCEAN Western North Atlantic Ocean and along U.S. East Coast south of Currituck Beach Light, NC following the coastline into Gulf of Mexico to Ocean Reef, FL, including the Caribbean

<u>Numeric</u> <u>Full Name of Marine Area</u>	<u>Alpha</u>	<u>Abbreviated Name of Marine Area</u>
77	GM	GULF OF MEXICO Gulf of Mexico and along the U.S. Gulf Coast from the Mexican border to Ocean Reef, FL.
91	LS	LAKE SUPERIOR Lake Superior
92	LM	LAKE MICHIGAN Lake Michigan
93	LH	LAKE HURON Lake Huron
94	LC	LAKE ST. CLAIR Lake St. Clair
96	LE	LAKE ERIE Lake Erie
97	LO	LAKE ONTARIO Lake Ontario
98	SL	ST. LAWRENCE RIVER St. Lawrence River above St. Regis

Note: The above table can be accessed under the Code Listings for Special Applications section on the NWS' Advanced Weather Interactive Processing System (AWIPS) Map Database website found at the following URL: <http://www.nws.noaa.gov/geodata/>.

**7 National Marine Sanctuary Inclusions**

<u>OFFICE</u>	<u>INCLUSION</u>
WFO Taunton/Boston	THE STELLWAGEN BANK NATIONAL MARINE SANCTUARY
WFO Morehead City/Newport	THE MONITOR NATIONAL MARINE SANCTUARY
WFO Charleston, SC	THE GRAYS REEF NATIONAL MARINE SANCTUARY
WFO Key West	THE FLORIDA KEYS NATIONAL MARINE SANCTUARY
NHC/TAFB	THE FLOWER GARDEN BANKS NATIONAL MARINE SANCTUARY
WFO Los Angeles	THE CHANNEL ISLANDS NATIONAL MARINE SANCTUARY
WFO San Fran. Bay Area at /Monterey	THE MONTEREY BAY/GULF OF THE FARALLONES/AND CORDELL BANK NATIONAL MARINE SANCTUARIES
WFO Seattle	THE OLYMPIC COAST NATIONAL MARINE SANCTUARY
WFO Honolulu	THE HAWAIIAN ISLANDS HUMPBACK WHALE NATIONAL MARINE SANCTUARY
WFO Honolulu	THE NORTHWESTERN HAWAIIAN ISLANDS MARINE NATIONAL MONUMENT
WSO Pago Pago	THE FAGATELE BAY NATIONAL MARINE SANCTUARY
WFO Gaylord	THE THUNDER BAY NATIONAL MARINE SANCTUARY

Note 1: Please refer to NWSI 10-310, 10-311, and 10-312 for guidance on inclusion of the National Marine Sanctuaries in marine forecast products.

Note 2: The National Marine Sanctuary boundaries are available for downloading to AWIPS from the NOAA1 server.